

# Coppermine Crossing

## Stormwater Pollution Prevention Plan

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Coppermine Crossing

Fairfax County

Storm Water Pollution Prevention Plan (SWPPP)

In compliance with:

Storm Water Construction General Permit No. VAR103681  
Virginia Pollutant Discharge Elimination System  
(VPDES)

SWPPP Coordinator:

Mark Angelus  
(Signature)

Mark Angelus  
(Name of Person)

Project Manager  
(Title)

K. Hovnanian Homes of Virginia, Inc.  
(Company)

703-631-0834  
(Phone #)

703-930-3218  
(Cell Phone #/ Pager #)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

"I certify that the SWPPP coordinator named above is my duly authorized representative for this Project."

Signature:

Mark Angelus

Date:

1/17/05

[Authorized Representative per Part III K 1 of the Permit]

Name: Mark Angelus

Title: Project Manager

Legal Entity: \_\_\_\_\_

Storm Water Pollution Prevention Plan  
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Coppermine Crossing  
Storm Water Pollution Prevention Plan

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Reference:

Exhibit A	Storm Water Construction General Permit No.VAR104530
Exhibit B	Forms; Registration Statement and Notice of Termination
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## I. Introduction

### A. SWPPP Purpose

The purpose of this Storm Water Pollution Prevention Plan (SWPPP) is to satisfy the requirement set forth by the Virginia Pollution Discharge Elimination System (VPDES) General Permit for Discharges of Storm Water from Construction Activities (VAR10), as defined in 9 VAC 25-180-10 et seq. The purpose of the SWPPP is to:

1. Identify potential sources of pollution, which may reasonably be expected to affect the quality of storm water discharges from the construction site.
2. To describe and ensure the implementation of practices which will be used to reduce pollutants in storm water discharges from the construction site, and to assure compliance with the terms and conditions of the permit.

### B. Background- General Permit No.: VAR10

The VAR10 is a general permit effective July 1, 2004 with an expiration date of June 30, 2009. The general permit governs storm water discharges from construction activities that cover an area greater than five acres. In order for operators to obtain coverage under this general permit, a Registration Statement (Exhibit B) must be submitted to Virginia Department of Environmental Quality prior to commencement of construction activities.

The VAR10 allows for the discharge of storm water associated with construction activities from the date of coverage until the expiration of the permit.

In order for the operator to terminate coverage under the VAR10 permit, the operator must submit a Notice of Termination (Exhibit B) within 30 days of one of the conditions in Part I G. 1 being met. Authorization for the operator to discharge terminates seven days after the notice of termination is submitted.

## II. SWPPP Requirements

### A. General Requirements

#### 1. Deadlines

The SWPPP shall be prepared prior to submittal of the registration statement and provide compliance with the terms and schedule of the plan beginning with the initiation of construction activities.

#### 2. Incorporation of Other Plans

The SWPPP requirements are fulfilled by incorporating by reference other plans developed for this construction activity, provided that the incorporated plans meet or exceed the plan requirements of Part II D. The construction plans have been approved by Fairfax County. The construction plans meet current requirements set

forth by the Virginia Erosion and Sediment Control Handbook, Third Edition. All plans that are incorporated into the SWPPP are enforceable under this permit.

### 3. SWPPP Administration

The SWPPP shall be completed and signed in accordance with Part III K of the permit. The SWPPP shall be made available onsite from the date of commencement of construction activity to the date of final stabilization. The SWPPP will be available to all operators, the Department of Environmental Quality, and other authorized agencies during site visits at a central location.

### 4. SWPPP Updates

The SWPPP shall be amended whenever there is a change in design, construction, operation, or maintenance that has a significant effect on the discharge of pollutants to surface waters and that has not already been addressed in the SWPPP. The SWPPP will be amended whenever deemed inadequate in properly controlling storm water runoff as determined during inspections or investigations by staff, or by local, state or federal officials. The revision of the SWPPP based on the results of an inspection along with the documentation of revision sent to the Department of Environmental Quality must be completed within seven calendar days following the inspection.

### 5. Potential Construction Site Storm Water Pollutants

Trade Name Material	Chemical/Physical Description	Storm Water Pollutants
Pesticides (insecticides, fungicides, herbicides, rodenticides)	Various colored to colorless liquid, powder, pellets, or grains	Chlorinated hydrocarbons, organophosphates, carbamates, arsenic
Fertilizer	Liquid or solid grains	Nitrogen, phosphorus
Plaster	White granules or powder	Calcium sulphate, calcium carbonate, sulfuric acid
Cleaning solvents	Colorless, blue, or yellow-green liquid	Perchloroethylene, methylene chloride, trichloroethylene, petroleum distillates
Asphalt	Black solid	Oil, petroleum distillates
Concrete	White solid	Limestone, sand
Glue, adhesives	White or yellow liquid	Polymers, epoxies
Paints	Various colored liquid	Metal oxides, Stoddard solvent, talc, calcium carbonate, arsenic
Curing compounds	Creamy white liquid	Naphtha
Wastewater from construction equipment washing	Water	Soil, oil & grease, solids
Wood preservatives	Clear amber or dark brown liquid	Stoddard solvent, petroleum distillates, arsenic, copper, chromium
Hydraulic oil/fluids	Brown oily petroleum hydrocarbon	Mineral oil

Gasoline	Colorless, pale brown or pink petroleum hydrocarbon	Benzene, ethyl benzene, toluene, xylene, MTBE
Diesel fuel	Clear, blue-green to yellow liquid	Petroleum distillate, oil & grease, naphthalene, xylenes
Kerosene	Pale yellow liquid petroleum hydrocarbon	Coal oil, petroleum distillates
Antifreeze/coolant	Clear green/yellow liquid	Ethylene glycol, propylene glycol, heavy metals (copper, zinc, lead)
Erosion	Soil particles	Soil, sediment

## B. Specific Requirements

### 1. Site Description

The items required by the Permit regarding site description (Part II D.1., Exhibit A) can be found in the project design plans, which are incorporated by reference into this SWPPP. A summary of the required elements is provided in Table 2, with a reference to the sheet number in the design plans where the required element can be located.

<i>Permit Part II D. 1...</i>	<i>Required Element</i>	<i>Location<sup>1</sup></i>
a.	Description of construction activity	Pages 2 & 29 of site plans
b.	Description of construction sequence of soil disturbing activity	Page 26 of site plans
c.	Site area estimates, including limits of soil disturbance	Pages 5-10 of site plans
d.	Pre and post-construction runoff coefficients	Pages 24-26 of site plans
e.	Existing vegetation at the site	Page 3 of site plans
f.	Description of other potential pollution sources, including vehicle fueling, chemical storage areas, sanitary waste facilities, construction debris, litter, etc.	II.A.5
g.	Receiving water names, including the ultimate receiving water, and the areal extent of wetlands	Page 3 of site plans
h.	Site map	Page 4 of site plans
h.(1)	-Drainage patterns, pre and post-construction	Page 27 of site plans
h.(2)	-Limits of clearing	Pages 5-10 of site plans
h.(3)	-Major structural and non-structural controls	Page 28 of site plans
h.(4)	-Stabilization areas, including types of vegetative cover	Page 32 & 33 of site plans
h.(5)	-Surface waters, including wetlands	Page 1 of site plans
h.(6)	-Storm water discharge points, with an outline of the associated drainage areas	Page 2 of site plans

h.(7)	-Existing and planned: buildings, paved areas	Pages 3 & 4 of site plans
h.(8)	-Permanent storm water management facilities	Pages 2 & 28 of site plans 2,28
h.(9)	-Offsite material, waste, borrow, or equipment areas covered by the SWPPP	Page 2 of site plans
h.(10)	-Other potential pollution sources (as described in f. above)	II.A.5
i.	Description of support activities covered by the Permit, including any dedicated concrete and asphalt plants	n/a

*[Attach to this SWPPP any required elements that are not found in the design plans]*

## 2. Controls and Measures

The Permit requires the implementation of various types of controls and measures that are implemented to control pollutants in storm water discharges from the project site. The Permit specifically requires the implementation of erosion and sediment control practices (both structural and non-structural), storm water management practices, and specific other controls to reduce pollutants. All E&S and SWM/BMP controls employed in this project were selected to meet and/or exceed State and local requirements and are detailed in the referenced design plans.

Several requirements of the Permit relating to controls (Part II D. 2., Exhibit A) are not included in the referenced design plans. A description of all the required items (including E&S and SWM/BMP) is presented below, along with how they are addressed in this SWPPP:

### a. Erosion and Sediment Control

The design plans for this project contain detailed information regarding erosion and sediment controls used in this project. Specifically E&S control measures can be found on Sheets 26-28 of 36.

### b. SWM/BMP's

The design plans for this project contain detailed information regarding SWM/BMP controls used in this project. Specifically Stormwater Management Control Measures can be found on Sheets 29 of 36.

### c. Fuels and Oils

- (i) On-site vehicle refueling will be conducted in a dedicated location away from access to surface waters. Since the location of fueling activities will periodically move during construction, the design plans do not contain a specific location. For each phase of work a location will be determined in the field and noted in the Site Plans (Erosion & Sediment Control Plan). Containment berms will be located adjacent to the refueling area that will contain any inadvertent spills until they can be cleaned up. Any on-site storage tanks will have a means of secondary containment. In the event of a spill, it will be cleaned up immediately and the material, including any contaminated soil, will be



disposed of according to all federal, state, and local regulations.

- (ii) All vehicles on site will be monitored for leaks and receive regular preventative maintenance to reduce the chance of leakage.
- (iii) Petroleum products will be stored in tightly sealed containers, which are clearly labeled.
- (iv) Spill kits will be included with all fueling sources and maintenance activities.
- (v) Any asphalt substances used onsite will be applied according to the manufacturer's recommendation.

d. Solid Waste

No solid materials shall be discharged to surface water. Solid materials, including building materials, garbage, and debris shall be cleaned up daily and deposited into dumpsters, which will be periodically removed from the site and deposited into a landfill.

e. Fertilizer

- (i) Fertilizers will be applied only in the minimum amounts recommended by the manufacturer.
- (ii) Fertilizers will be worked into the soil to limit exposure to storm water.
- (iii) Fertilizers will be stored in a covered shed and partially used bags will be transferred to a sealable bin to avoid spills.

f. Paint and other Chemicals

- (i) All paint containers and curing compounds will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewers, but will be properly disposed according to the manufacturer's instructions.
- (ii) Spray guns will be cleaned on a removable tarp.
- (iii) Chemicals used on-site are kept in small quantities and stored in closed containers undercover and kept out of direct contact with storm water. As with fuels and oils, any inadvertent spills will be cleaned up immediately and disposed of according to federal, state, and local regulations.

g. Concrete

- (i) Concrete trucks will not be allowed to wash out or discharge surplus concrete or drum wash water on the site, except in a specially designated concrete disposal area.
- (ii) Form release oil used for decorative stonework will be applied over a pallet covered with an absorbent material to collect excess fluid. The absorbent material will be replaced and disposed of properly when saturated.

h. Water Testing

When testing/cleaning of water supply lines, the discharge from the tested pipe will be collected and conveyed to a completed storm water pipe system for ultimate discharge into a sedimentation basin or SWM/BMP facility.

i. Sanitary Waste

Portable lavatories are located on-site and are serviced on a regular basis by a contractor. They will be located in upland areas away from direct contact with surface waters. Any spills occurring during servicing will be cleaned up immediately, including any contaminated soils, and disposed of according to all federal, state, and local regulations.

j. Grading and E&S Activities

A record of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be maintained and included in Exhibit C of SWPPP.

3. Spills

Oil, chemical or other hazardous substance spills in excess of reportable quantities, in accordance with Part I E. of the Permit (Exhibit A), will be reported to the Department of Environmental Quality in accordance with Part III G. of the Permit as soon as the discharge is discovered, but no later than 24 hours. A reportable quantity of oil is defined as a discharge to a surface water that causes a sheen, discoloration, and/or an emulsion. Reports will be made to the following:

DEQ Northern Virginia Regional Office

Phone: (703) 583-3870

Fax: (703) 583-3821

For reports outside normal working hours leave a message.

Virginia Department of Emergency Management

Emergency Operations Center (EOC)

Phone: 1-(800) 468-8892

Materials and equipment necessary for oil or chemical spill cleanup will be kept in the temporary material storage trailer onsite. Equipment will include, but not be

limited to, brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, saw dust, and plastic and metal trash containers.

All oil or other chemical spills will be cleaned up immediately upon discovery. Spills large enough to reach the storm sewers will be reported to the National Response Center at 1-800-424-8802.

#### 4. Maintenance

Maintenance of the erosion and sediment controls and the storm water management/BMP facilities incorporated into this project must be maintained on a regular basis to assure their continued effectiveness. This includes repairs to all erosion and sediment controls, including cleanout of all sediment basins and storm water management facilities at the required intervals. Those controls found to be ineffective during routine inspections (as described in the following section) shall be repaired before the next anticipated storm event or as soon as practicable. A more detailed description of the maintenance procedures is contained in the design plans 26 of 36, and is incorporated in the SWPPP by reference.

#### 5. Inspections

Regular inspections of the construction site shall be performed by personnel familiar with all aspects of the SWPPP and the employed control practices. Inspections shall include the review of all disturbed areas, structural and non-structural control measures, material storage areas, and vehicular access points. Inspections are to be performed at least once every 14 calendar days and within 48 hours of a runoff producing rain event. Areas that already have been stabilized or where runoff is unlikely due to frozen or snow covered ground shall be inspected at least on a monthly basis.

Inspections are intended to identify areas where the pollutant control measures at the site are ineffective and are allowing pollutants to enter surface waters. Receiving waters shall be inspected to ascertain whether control measures are effective in preventing significant impacts. Locations where vehicles enter or exit the site shall be inspected for evidence of offsite sediment tracking.

If as a result of the inspection, the site conditions and/or control measures are found to have changed, the SWPPP shall be updated within a period of 7 calendar days. If control measures need to be modified to assure effectiveness or if additional measures are determined to be necessary, implementation shall be completed prior to the next anticipated storm event or as soon as practicable.

A report summarizing the inspections and the subsequent maintenance activities must be completed and maintained as part of the SWPPP. The inspection forms are included in Exhibit D. Required elements include major observations (including information on control measure performance and incidents of non-compliance), and information on the inspection personnel. If an inspection does not identify any incidents of non-compliance, then the certification statement contained in the inspection form will apply.

## 6. Non-Storm Water Discharge

With the exception of flows from fire fighting activities, allowable sources of non-storm water discharges (Part I D. 2 of the Permit, Exhibit A) must be identified in the SWPPP. Appropriate measures must be taken to ensure that pollution prevention measures for the non-storm water component of the discharge are implemented. The non-storm water discharges associated with this project identified at this time are:

- a. Testing of Water as discussed under II, B, 2, h.
- b. *[Not used]*

## C. Contractor Certification

All contractor's and/or sub-contractors who have responsibility for implementing and maintaining the controls identified in this SWPPP must sign the certification statement contained in Exhibit E. The person signing the certification must meet the signatory requirements, as presented in Part III K of the Permit (Exhibit A). The certifications must be maintained as part of the SWPPP.



**Exhibit A**

**Storm Water Construction General Permit No. VAR103681**



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

W. Tayloe Murphy, Jr.  
Secretary of Natural Resources

Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193-1453  
(703) 583-3800 fax (703) 583-3801  
[www.deq.state.va.us](http://www.deq.state.va.us)

Robert G. Burnley  
Director

Jeffery A. Steers  
Regional Director

November 24, 2004

Mr. Timothy M. Bates  
Washington Homes of Virginia, Inc.  
4090-A Lafayette Center Drive  
Chantilly, VA 20151

Subject: Construction Storm Water **General Permit No. VAR103681**  
Coppermine Crossing - **Fairfax County**

Dear Mr. Bates:

We have received your complete **Registration Statement** and have **determined that this project is eligible for coverage** under the VPDES General Permit for **Storm Water Discharges from Construction Sites**. A copy of this Permit is enclosed. The effective date of the **General Permit** is **July 1, 2004** and the expiration date is **June 30, 2009**. This project's date of coverage is **November 17, 2004**. Please read the permit carefully, as you are responsible for meeting all permit conditions.

A Notice of Termination Form has also **been enclosed**. If at any time you **no longer** require coverage under the General Permit for Construction Storm Water, **you may submit the Termination Form** to this office for processing.

Should you have any questions, please **feel free to contact Amy Taylor** at (703) 583-3852 or by e-mail at [agtaylor@deg.virginia.gov](mailto:agtaylor@deg.virginia.gov).

Respectfully,

A handwritten signature in black ink that reads "Thomas A. Faha".

Thomas A. Faha  
Water Permits Manager

Enclosure: Storm Water Construction **General Permit**  
Termination Form

cc: Fairfax County  
Michael Knicely, Washington **Homes**

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# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

**General Permit No.: VAR103681**

**Effective Date: July 1, 2004**

**Expiration Date: June 30, 2009**

### **GENERAL PERMIT FOR DISCHARGES OF STORM WATER FROM CONSTRUCTION ACTIVITIES**

### **AUTHORIZATION TO DISCHARGE UNDER THE VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM AND THE VIRGINIA STATE WATER CONTROL LAW**

In compliance with the provisions of the Clean Water Act, as amended, and pursuant to the State Water Control Law and regulations adopted pursuant to that, operators of construction activities (those sites or common plans of development or sale that will result in the disturbance of one or more acres of total land area) with storm water discharges from these construction activities are authorized to discharge to surface waters within the boundaries of the Commonwealth of Virginia, except those specifically named in board regulation or policies which prohibit such discharges.

The authorized discharge shall be in accordance with this cover page, Part I - Discharge Authorization and Special Conditions, Part II - Storm Water Pollution Prevention Plan, and Part III - Conditions Applicable To All VPDES Permits as set forth herein.



PART I  
DISCHARGE AUTHORIZATION AND SPECIAL CONDITIONS

A. Coverage under this permit.

1. During the period beginning with the date of coverage under this general permit and lasting until the permit's expiration date, the permittee is authorized to discharge storm water from construction activities.
2. This permit also authorizes storm water discharges from off-site support activities (e.g., concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas) provided that:
  - a. The support activity is directly related to a construction site that is required to have VPDES permit coverage for discharges of storm water associated with construction activity;
  - b. The support activity is not a commercial operation serving multiple unrelated construction projects by different operators, and does not operate beyond the completion of the construction activity at the last construction project it supports; and
  - c. Appropriate controls and pollution prevention measures for the discharges from the support activity areas are identified in the storm water pollution prevention plan required for the construction activity under Part II D of this permit.
3. There shall be no discharge of floating solids or visible foam in other than trace amounts.

B. Limitation on coverage.

1. Post-construction discharges. This permit does not authorize storm water discharges that originate from the site after construction activities have been completed and the site, including any temporary support activity site, has undergone final stabilization. Post-construction industrial storm water discharges may need to be covered by a separate VPDES permit.
2. Discharges mixed with nonstorm water. This permit does not authorize discharges that are mixed with sources of nonstorm water, other than those discharges which are identified in Part I D 2 (Exceptions to prohibition of nonstorm water discharges) and are in compliance with Part II D 5 (Nonstorm water discharge management).
3. Discharges covered by another permit. This permit does not authorize storm water discharges associated with construction activity that have been covered under an individual permit or required to obtain coverage under an alternative general permit in accordance with Part III X.
4. TMDL limitation. Discharges to waters for which a "total maximum daily load" (TMDL) allocation for sediment or a parameter that addresses sediment (such as total suspended solids, turbidity, or siltation) has been established by the board and approved by EPA are not eligible for coverage under this permit unless the storm water pollution prevention plan (SWPPP) developed by the operator incorporates measures and controls that are consistent with the assumptions and requirements of such TMDL. To be eligible for coverage under this general permit, the SWPPP must incorporate any conditions applicable to discharges from the construction site that are necessary for consistency with the assumptions and requirements of the TMDL. If a specific wasteload allocation has been established that would apply to discharges from the construction site, the operator must incorporate that allocation into the SWPPP and implement necessary steps to meet that allocation.

C. Commingled discharges. Any discharge authorized by a different VPDES permit may be commingled with discharges authorized by this permit.

D. Prohibition of nonstorm water discharges.

1. Except as provided in Parts I A 2, I C and I D 2, all discharges covered by this permit shall be composed entirely of storm water associated with construction activity.
2. The following nonstorm water discharges from active construction sites are authorized by this permit provided the nonstorm water component of the discharge is in compliance with Part II D 5 (Nonstorm water discharges):
  - a. Discharges from fire fighting activities;
  - b. Fire hydrant flushings;
  - c. Waters used to wash vehicles where detergents are not used;
  - d. Water used to control dust;
  - e. Potable water sources, including waterline flushings;
  - f. Water used for hydrostatic testing of new pipeline construction;
  - g. Routine external building wash down which does not use detergents;
  - h. Pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used;
  - i. Uncontaminated air conditioning or compressor condensate;
  - j. Uncontaminated ground water or spring water;
  - k. Foundation or footing drains where flows are not contaminated with process materials such as solvents;
  - l. Uncontaminated excavation dewatering, and
  - m. Landscape irrigation.

E. Releases of hazardous substances or oil in excess of reportable quantities.

The discharge of hazardous substances or oil in the storm water discharges from the construction site shall be prevented or minimized in accordance with the storm water pollution prevention plan for the site. This permit does not relieve the permittee of the reporting requirements of 40 CFR Part 110 (2002), 40 CFR Part 117 (2002) and 40 CFR Part 302 (2002) or § 62.1-44.34:19 of the Code of Virginia.

Where a release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110 (2002), 40 CFR Part 117 (2002) or 40 CFR Part 302 (2002) occurs during a 24-hour period:

1. The permittee is required to notify the department in accordance with the requirements of Part III G as soon as he has knowledge of the discharge;
2. Where a release enters a municipal separate storm sewer system (MS4), the permittee shall also notify the owner of the MS4; and

3. The storm water pollution prevention plan required under Part II D of this permit must be reviewed to identify measures to prevent the reoccurrence of such releases and to respond to such releases, and the plan must be modified where appropriate.

F. Spills.

This permit does not authorize the discharge of hazardous substances or oil resulting from an on-site spill.

G. Termination of permit coverage.

1. The operator of the construction activity may only submit a notice of termination after one or more of the following conditions have been met:
  - a. Final stabilization has been achieved on all portions of the site for which the operator is responsible;
  - b. Another operator has assumed control over all areas of the site that have not been finally stabilized;
  - c. Coverage under an alternative VPDES permit has been obtained; or
  - d. For residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.
2. The notice of termination must be submitted within 30 days of one of the conditions in Part I G 1 being met. Authorization to discharge terminates seven days after the notice of termination is submitted.
3. The notice of termination shall be signed in accordance with Part III K of this permit.

- H. Water quality protection. The permittee must select, install, implement and maintain best management practices (BMPs) at the construction site that minimize pollutants in the discharge as necessary to meet applicable water quality standards. If there is evidence indicating that the storm water discharges authorized by this permit are causing, have the reasonable potential to cause, or are contributing to an excursion above an applicable water quality standard, or are causing downstream pollution (as defined in § 62.1-44.3 of the Code of Virginia), the board may take appropriate enforcement action, may require the permittee to include and implement appropriate controls in the SWPPP to correct the problem, and/or may require the permittee to obtain an individual permit in accordance with 9 VAC 25-31-170 B 3.

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PART II  
STORM WATER POLLUTION PREVENTION PLAN

A storm water pollution prevention plan (SWPPP) shall be developed and implemented for the construction activity covered by this permit. SWPPPs shall be prepared in accordance with good engineering practices. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges from the construction site. In addition, the SWPPP shall describe and ensure the implementation of practices which will be used to reduce pollutants in storm water discharges from the construction site, and to assure compliance with the terms and conditions of this permit.

The SWPPP requirements of this general permit may be fulfilled by incorporating by reference other state, tribal or local plans such as an erosion and sediment control (ESC) plan, a spill prevention control and countermeasure (SPCC) plan developed for the site under § 311 of the federal Clean Water Act or best management practices (BMP) programs otherwise required for the facility provided that the incorporated plan meets or exceeds the SWPPP requirements of Part II D. If an erosion and sediment control plan for the construction activity is being incorporated by reference, the referenced plan must be approved by the locality in which the construction activity is to occur or by another appropriate plan approving authority authorized under the Erosion and Sediment Control Regulations (4 VAC 50-30) prior to the commencement of construction. All plans incorporated by reference into the SWPPP become enforceable under this permit. If a plan incorporated by reference does not contain all of the required elements of the SWPPP of Part II D, the permittee must develop the missing elements and include them in the required SWPPP.

Once a definable area has been finally stabilized, the operator may mark this on the SWPPP and no further SWPPP or inspection requirements apply to that portion of the site (e.g., earth disturbing activities around one of three buildings in a complex are done and the area is finally stabilized; one mile of a roadway or pipeline project is done and finally stabilized, etc.).

The operator must implement the SWPPP as written from commencement of construction activity until final stabilization is complete.

A. Deadlines for SWPPP preparation and compliance.

1. The SWPPP shall be prepared prior to submittal of the registration statement and provide for compliance with the terms and schedule of the plan beginning with the initiation of construction activities.
2. For ongoing construction activity involving a change of operator, the new operator shall accept and maintain the existing SWPPP, or prepare and implement a new SWPPP prior to taking over operations at the site.

B. Signature, plan review and making plans available.

1. The SWPPP shall be signed in accordance with Part III K.
2. The SWPPP shall be retained, along with a copy of this permit at the construction site from the date of commencement of construction activity to the date of final stabilization. Permittees with day-to-day operation control over SWPPP implementation shall have a copy of the plan available at a central location on-site for the use of all operators and those identified as having

responsibilities under the plan whenever they are on the construction site. The SWPPP must be made available, in its entirety, to the department for review at the time of an on-site inspection.

3. The permittee shall make SWPPPs available upon request to the department; a state or local agency approving sediment and erosion plans, grading plans, or storm water management plans; local government officials; or the operator of a municipal separate storm sewer system receiving discharges from the site.

C. Maintaining an updated SWPPP.

1. The permittee shall amend the SWPPP whenever there is a change in design, construction, operation, or maintenance that has a significant effect on the discharge of pollutants to surface waters and that has not been previously addressed in the SWPPP.
2. The SWPPP must be amended if during inspections or investigations by site staff, or by local, state or federal officials, it is determined that the discharges are causing water quality exceedances, or the SWPPP is ineffective in eliminating or significantly minimizing pollutants in storm water discharges from the construction site.
3. Based on the results of an inspection, the SWPPP must be modified as necessary to include additional or modified BMPs designed to correct problems identified. Revisions to the SWPPP must be completed within seven calendar days following the inspection. Implementation of these additional or modified BMPs must be accomplished as described in Part II D 3 b.
4. The SWPPP must clearly identify for each measure identified in the plan, the contractor(s) or subcontractor(s) that will implement the measure. The SWPPP shall be amended to identify any new contractor that will implement a measure of the plan.

D. Storm water pollution prevention plan contents.

The SWPPP shall include the following items:

1. Site and activity description. Each SWPPP shall provide the following information:
  - a. A description of the nature of the construction activity, including the function of the project (e.g., low density residential, shopping mall, highway, etc.);
  - b. The intended sequence and timing of activities that disturb soils at the site (e.g., grubbing, excavation, grading, utilities and infrastructure installation).
  - c. Estimates of the total area expected to be disturbed by excavation, grading, or other construction activities including off-site borrow and fill areas;
  - d. A description of any other potential pollution sources, such as vehicle fueling, storage of fertilizers or chemicals, sanitary waste facilities, etc.
  - e. Identification of the nearest receiving waters at or near the construction site that will receive discharges from disturbed areas of the project;
  - f. The location and description on any discharge associated with industrial activity other than construction at the site. This includes storm water discharges from dedicated asphalt plants and dedicated concrete plants that are covered by this permit.
  - g. A site map indicating:

- (1) Directions of storm water flow and approximate slopes anticipated after major grading activities;
  - (2) Areas of soil disturbance and areas of the site which will not be disturbed;
  - (3) Locations of major structural and nonstructural controls identified in the SWPPP, including those that will be permanent controls that will remain after construction activities have been completed;
  - (4) Locations where stabilization practices are expected to occur;
  - (5) Surface water bodies (including wetlands);
  - (6) Locations where storm water discharges to a surface water;
  - (7) Locations of off-site material, waste, borrow or equipment storage areas covered by the plan;
  - (8) Locations of other potential pollution sources , such as vehicle fueling, storage of chemicals, sanitary waste facilities, etc.; and
  - (9) Areas where final stabilization has been accomplished and no further construction-phase permit requirements apply.
2. Controls to reduce pollutants. The SWPPP shall include a description of all pollution control measures that will be implemented as part of the construction activity to control pollutants in storm water discharges. For each major activity identified in the project description, the SWPPP shall clearly describe appropriate control measures, the general sequencing during the construction process in which the measures will be implemented, and which operator is responsible for the control measure's implementation.
- a. Erosion and sediment controls.
- (1) Stabilization practices. The SWPPP shall include a description of interim and permanent stabilization practices for the site. Site plans should ensure that existing vegetation is preserved where attainable and that disturbed portions of the site are stabilized. Stabilization practices may include, but are not limited to: temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, riprap, gabions, facines, biologs and other appropriate measures. Use of impervious surfaces for stabilization should be avoided.
    - (a) A record of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be maintained and included in the SWPPP.
    - (b) Except as provided in Part II D 2 a (1) (c), (d) and (e), stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.
    - (c) Where the initiation of stabilization measures by the seventh day after construction activity temporary or permanently ceased is precluded by snow cover or frozen ground conditions, stabilization measures shall be initiated as soon as practicable.

- (d) Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 30 days, temporary stabilization measures do not have to be initiated on that portion of the site.
  - (e) In drought-stricken areas where initiating perennial vegetative stabilization measures is not possible within seven days after construction activity has temporarily or permanently ceased, final vegetative stabilization measures shall be initiated as soon as practicable.
- (2) Structural practices. The SWPPP shall include a description of structural practices to divert flows from exposed soils, retain/detain flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include, but are not limited to: silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. Structural practices should be located on upland soils to the degree attainable. The department encourages the use of a combination of sediment and erosion control measures in order to achieve maximum pollutant removal.
- (a) Sediment basins: For common drainage locations that serve an area with three or more acres disturbed at one time, a temporary (or permanent) sediment basin providing 3,618 cubic feet of storage per acre drained, or equivalent control measures, shall be provided where attainable until final stabilization of the site. The 3,618 cubic feet of storage area per acre drained does not apply to flows from off-site areas and flows from on-site areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin. In determining whether installing a sediment basin is attainable, the permittee may consider factors such as site soils, slope, available area on site, etc. In any event, the permittee must consider public safety, especially as it relates to children, as a design factor for the sediment basin and alternative sediment controls shall be used where site limitations would preclude a safe design.
  - (b) For drainage locations which serve three or more acres at one time and where a temporary sediment basin or equivalent controls is not attainable, smaller sediment basins and/or sediment traps should be used. At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all down slope boundaries, and for those side slope boundaries deemed appropriate as dictated by individual site conditions.
  - (c) For drainage locations serving less than three acres, smaller sediment basins or sediment traps or both should be used. At a minimum, silt fences, vegetative buffer strips or equivalent sediment controls are required for all downslope boundaries, and for those side slope boundaries deemed appropriate as dictated by individual site conditions, of the construction area unless a sediment basin providing storage for 3,618 cubic feet of storage per acre drained is provided.
- b. Management practices.
- (1) All control measures must be properly selected, installed, and maintained in accordance with manufacturer specifications and good engineering practices. If periodic inspections

or other information indicates a control has been used inappropriately, or incorrectly, the permittee must replace or modify the control for site situations as soon as practicable.

- (2) If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize off-site impacts.
- (3) Litter, construction debris, and construction chemicals exposed to storm water shall be prevented from becoming a pollutant source in storm water discharges.

c. Storm water management.

- (1) The SWPPP shall include a description of all post-construction storm water management measures that will be installed during the construction process to control pollutants in storm water discharges after construction operations have been completed. Structural measures should be placed on upland soils to the degree attainable. Such measures must be designed and installed in accordance with applicable local and/or state requirements.
- (2) Such measures may include, but are not limited to: storm water detention structures (including dry ponds); storm water retention structures; flow attenuation by use of open vegetated swales and natural depressions; infiltration of runoff on-site; storm water wetlands; sand filters; bioretention systems; water quality structures; and sequential systems (which combine several practices). The SWPPP shall include an explanation of the technical basis used to select the practices to control pollution where flows exceed predevelopment levels.
- (3) Velocity dissipation devices shall be placed at discharge locations and along the length of any outfall channel to provide a nonerosive flow velocity from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g., no significant changes in the hydrological regime of the receiving water).

d. Other controls.

- (1) The SWPPP shall describe measures to prevent the discharge of solid materials, including building materials, garbage, and debris to surface waters of the state, except as authorized by a Clean Water Act § 404 permit.
- (2) Where construction vehicle access routes intersect paved public roads, provisions shall be made to minimize the transport of sediment by vehicular tracking onto the paved surface. Where sediment is transported onto a public road surface, the road shall be cleaned thoroughly at the end of each day. Sediment shall be removed from the roads by shoveling or sweeping and transported to a sediment control disposal area. Street washing shall be allowed only after sediment is removed in this manner.
- (3) The SWPPP shall ensure and demonstrate compliance with applicable state or local waste disposal, sanitary sewer or septic system regulations.
- (4) The SWPPP shall include a description of construction and waste materials expected to be stored on-site with updates as appropriate. The plan shall also include a description of controls to reduce pollutants from these materials, including storage practices to minimize exposure of the materials to storm water, and for spill prevention and response.



- (5) The SWPPP shall include a description of pollutant sources from areas other than construction (including storm water discharges from dedicated asphalt plants and dedicated concrete plants), and a description of controls and measures that will be implemented at those sites to minimize pollutant discharges.

e. Applicable state or local programs.

The SWPPP shall be consistent with all applicable state or local requirements for soil and erosion control and storm water management including updates to the SWPPP as necessary to reflect any revisions to applicable state or local requirements for soil and erosion control.

3. Maintenance of controls.

- a. The SWPPP must include a description and schedule of procedures to maintain in good and effective operating conditions vegetation, erosion and sediment control measures and other protective measures during construction identified in the site plan. If site inspections required by Part II D 4 identify BMPs that are not operating effectively, maintenance shall be performed before the next anticipated storm event, or as soon as practicable to maintain the continued effectiveness of storm water controls.
- b. If existing BMPs need to be modified or if additional BMPs are necessary for any reason, implementation shall be completed before the next anticipated storm event. If implementation before the next anticipated storm event is impracticable, the situation shall be documented in the SWPPP and alternative BMPs shall be implemented as soon as practicable.
- c. Sediment must be removed from sediment traps or sedimentation ponds when design capacity has been reduced by 25%.

4. Inspections. Inspections by qualified personnel must be conducted of all areas of the site disturbed by construction activity, and areas used for storage of materials that are exposed to storm water. "Qualified personnel" means a person knowledgeable in the principles and practice of erosion and sediment controls, such as a licensed professional engineer, responsible land disturber (RLD), or other knowledgeable person who possesses the skills to assess conditions at the construction site that could impact storm water quality, and to assess the effectiveness of any sediment and erosion control measures selected to control the quality of storm water discharges from the construction activity.

- a. Inspections shall be conducted at least once every 14 calendar days and within 48 hours of the end of any runoff producing storm event. Where areas have been finally or temporarily stabilized or runoff is unlikely due to winter conditions (e.g., the site is covered with snow or ice, or frozen ground exists) such inspections shall be conducted at least once every month.
- b. Inspectors must look for evidence of, or the potential for, pollutants entering the storm water conveyance system. Erosion and sediment control measures identified in the SWPPP shall be observed to ensure proper operation. Discharge locations where accessible shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Where discharge locations are inaccessible, nearby downstream locations shall be inspected to the extent that such inspections are practicable. Locations where vehicles enter or exit the site shall be inspected for evidence of off-site sediment tracking.

- c. Utility line installation, pipeline construction, and other examples of long, narrow, linear construction activities may limit the access of inspection personnel to the areas described in Part II D 4 b. Inspection of these areas could require that vehicles compromise temporarily or even permanently stabilized areas, cause additional disturbance of soils, and increase the potential for erosion. In these circumstances, controls must be inspected on the same frequencies as other construction projects, but representative inspections may be performed. For representative inspections, personnel must inspect controls along the construction site for 0.25 miles above and below each access point where a roadway, undisturbed right-of-way, or other similar feature intersects the construction site and allows access to the areas described above. The conditions of the controls along each inspected 0.25-mile segment may be considered as representative of the condition of controls along that reach extending from the end of the 0.25-mile segment to either the end of the next 0.25-mile segment, or to the end of the project, whichever occurs first. Inspection locations must be listed in the report required by Part II D 4 e.
- d. Based on the results of the inspection, the site and activity description identified in the plan in accordance with Part II D 1 of this permit and pollution prevention measures identified in the SWPPP in accordance with Part II D 2 of this permit shall be revised as appropriate within seven calendar days following the inspection.
- e. A report summarizing the scope of the inspection, names and qualifications of personnel making the inspection, the dates of the inspection, major observations relating to the implementation of the SWPPP, and actions taken in accordance with Part II D 4 d of the permit shall be made and retained as part of the SWPPP in accordance with Part III B of this permit. Major observations should include:
  - (1) The location(s) of discharges of sediment or other pollutants from the site;
  - (2) Location(s) of BMPs that need to be maintained;
  - (3) Location(s) of BMPs that failed to operate as designed or proved inadequate for a particular location;
  - (4) Location(s) where additional BMPs are needed that did not exist at the time of inspection; and
  - (5) Corrective action required including any changes to the SWPPP that are necessary and implementation dates.

The reports shall identify any incidents of noncompliance. Where a report does not identify any incidents of noncompliance, the report shall contain a certification that the facility is in compliance with the storm water pollution prevention plan and this permit. The report shall be signed in accordance with Part III K of this permit.

5. Nonstorm water discharge management. The SWPPP shall identify all allowable sources of nonstorm water discharges listed in Part I D 2 of this permit that are combined with storm water discharges from the construction activity at the site, except for flows from fire fighting activities. The SWPPP shall identify and ensure the implementation of appropriate pollution prevention measures for the nonstorm water components of the discharge.

PART III  
CONDITIONS APPLICABLE TO ALL VPDES PERMITS

**NOTE: Monitoring is not required for this permit. If you choose to monitor your storm water discharges or BMPs, you must comply with the requirements of subsections A, B, and C, as appropriate.**

**A. Monitoring.**

1. Samples and measurements taken as required by this permit shall be representative of the monitored activity.
2. Monitoring shall be conducted according to procedures approved under 40 CFR Part 136 or alternative methods approved by the U.S. Environmental Protection Agency, unless other procedures have been specified in this permit.
3. The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals that will ensure accuracy of measurements.

**B. Records.**

1. Records of monitoring information shall include:
  - a. The date, exact place, and time of sampling or measurements;
  - b. The individual(s) who performed the sampling or measurements;
  - c. The date(s) and time(s) analyses were performed;
  - d. The individual(s) who performed the analyses;
  - e. The analytical techniques or methods used; and
  - f. The results of such analyses.
2. Except for records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, which shall be retained for a period of at least five years, the permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the registration statement for this permit, for a period of at least three years from the date of the sample, measurement, report or request for coverage. This period of retention shall be extended automatically during the course of any unresolved litigation regarding the regulated activity or regarding control standards applicable to the permittee, or as requested by the board.

**C. Reporting monitoring results.**

1. The permittee shall submit the results of the monitoring required by this permit not later than the 10th day of the month after monitoring takes place, unless another reporting schedule is specified elsewhere in this permit. Monitoring results shall be submitted to the department's regional office.
2. Monitoring results shall be reported on a discharge monitoring report (DMR) or on forms provided, approved or specified by the department.

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3. If the permittee monitors any pollutant specifically addressed by this permit more frequently than required by this permit using test procedures approved under 40 CFR Part 136 or using other test procedures approved by the U.S. Environmental Protection Agency or using procedures specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR or reporting form specified by the department.
  4. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in this permit.
- D. Duty to provide information. The permittee shall furnish to the department, within a reasonable time, any information which the board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The board may require the permittee to furnish, upon request, such plans, specifications, and other pertinent information as may be necessary to determine the effect of the wastes from his discharge on the quality of state waters, or such other information as may be necessary to accomplish the purposes of the State Water Control Law. The permittee shall also furnish to the department, upon request, copies of records required to be kept by this permit.
- E. Compliance schedule reports. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- F. Unauthorized discharges. Except in compliance with this permit or another permit issued by the board, it shall be unlawful for any person to:
1. Discharge into state waters sewage, industrial wastes, other wastes, or any noxious or deleterious substances; or
  2. Otherwise alter the physical, chemical or biological properties of such state waters and make them detrimental to the public health, or to animal or aquatic life, or to the use of such waters for domestic or industrial consumption, or for recreation, or for other uses.
- G. Reports of unauthorized discharges. Any permittee who discharges or causes or allows a discharge of sewage, industrial waste, other wastes or any noxious or deleterious substance into or upon state waters in violation of Part III F, or who discharges or causes or allows a discharge that may reasonably be expected to enter state waters in violation of Part III F, shall notify the department of the discharge immediately upon discovery of the discharge, but in no case later than 24 hours after said discovery. A written report of the unauthorized discharge shall be submitted to the department within five days of discovery of the discharge. The written report shall contain:
1. A description of the nature and location of the discharge;
  2. The cause of the discharge;
  3. The date on which the discharge occurred;
  4. The length of time that the discharge continued;
  5. The volume of the discharge;
  6. If the discharge is continuing, how long it is expected to continue;
  7. If the discharge is continuing, what the expected total volume of the discharge will be; and

8. Any steps planned or taken to reduce, eliminate and prevent a recurrence of the present discharge or any future discharges not authorized by this permit.

Discharges reportable to the department under the immediate reporting requirements of other regulations are exempted from this requirement.

H. Reports of unusual or extraordinary discharges. If any unusual or extraordinary discharge including a bypass or upset should occur from a treatment works and the discharge enters or could be expected to enter state waters, the permittee shall promptly notify, in no case later than 24 hours, the department by telephone after the discovery of the discharge. This notification shall provide all available details of the incident, including any adverse effects on aquatic life and the known number of fish killed. The permittee shall reduce the report to writing and shall submit it to the department within five days of discovery of the discharge in accordance with Part III I 2. Unusual and extraordinary discharges include but are not limited to any discharge resulting from:

1. Unusual spillage of materials resulting directly or indirectly from processing operations;
2. Breakdown of processing or accessory equipment;
3. Failure or taking out of service some or all of the treatment works; and
4. Flooding or other acts of nature.

I. Reports of noncompliance. The permittee shall report any noncompliance which may adversely affect state waters or may endanger public health.

1. An oral report shall be provided within 24 hours from the time the permittee becomes aware of the circumstances. The following shall be included as information which shall be reported within 24 hours under this paragraph:

- a. Any unanticipated bypass; and
- b. Any upset which causes a discharge to surface waters.

2. A written report shall be submitted within five days and shall contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and
- c. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

The board may waive the written report on a case-by-case basis for reports of noncompliance under Part III I if the oral report has been received within 24 hours and no adverse impact on state waters has been reported.

3. The permittee shall report all instances of noncompliance not reported under Part III I 1 or 2 in writing at the time the next monitoring reports are submitted. The reports shall contain the information listed in Part III I 2.

NOTE: The immediate (within 24 hours) reports required in Part III G, H and I may be made to the department's regional office. Reports may be made by telephone or by fax. For reports outside normal working hours, leaving a recorded message shall fulfill the immediate reporting requirement. For emergencies, the Virginia Department of Emergency Management maintains a 24 hour telephone service at 1-800-468-8892.

## J. Notice of planned changes.

1. The permittee shall give notice to the department as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:
  - a. The permittee plans an alteration or addition to any building, structure, facility, or installation from which there is or may be a discharge of pollutants, the construction of which commenced:
    - (1) After promulgation of standards of performance under § 306 of the federal Clean Water Act which are applicable to such source; or
    - (2) After proposal of standards of performance in accordance with § 306 of the Clean Water Act which are applicable to such source, but only if the standards are promulgated in accordance with § 306 within 120 days of their proposal;
  - b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations nor to notification requirements specified elsewhere in this permit; or
  - c. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
2. The permittee shall give advance notice to the department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

## K. Signatory requirements.

1. Registration statement. All registration statements shall be signed as follows:
  - a. For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation; or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;
  - b. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
  - c. For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a public agency includes: (i) the chief executive officer of the agency or (ii) a senior executive

officer having responsibility for the overall operations of a principal geographic unit of the agency.

2. Reports, etc. All reports required by permits and other information requested by the board shall be signed by a person described in Part III K 1 or by a duly authorized representative of that person. A person is a duly authorized representative only if:
  - a. The authorization is made in writing by a person described in Part III K 1;
  - b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. A duly authorized representative may thus be either a named individual or any individual occupying a named position; and
  - c. The written authorization is submitted to the department.

3. Changes to authorization. If an authorization under Part III K 2 is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Part III K 2 shall be submitted to the department prior to or together with any reports or information to be signed by an authorized representative.

4. Certification. Any person signing a document under Part III K 1 or 2 shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

- L. Duty to comply. The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the State Water Control Law and the Clean Water Act, except that noncompliance with certain provisions of this permit may constitute a violation of the State Water Control Law but not the Clean Water Act. Permit noncompliance is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.

The permittee shall comply with effluent standards or prohibitions established under § 307(a) of the Clean Water Act for toxic pollutants and with standards for sewage sludge use or disposal established under § 405(d) of the Clean Water Act within the time provided in the regulations that establish these standards or prohibitions or standards for sewage sludge use or disposal, even if this permit has not yet been modified to incorporate the requirement.

- M. Duty to reapply. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee shall submit a new registration statement at least 90 days before the expiration date of the existing permit, unless permission for a later date has been granted by the board. The board shall not grant permission for registration statements to be submitted later than the expiration date of the existing permit.



- N. Effect of a permit. This permit does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorize any injury to private property or invasion of personal rights, or any infringement of federal, state or local law or regulations.
- O. State law. Nothing in this permit shall be construed to preclude the institution of any legal action under, or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any other state law or regulation or under authority preserved by § 510 of the Clean Water Act. Except as provided in permit conditions on "bypassing" (Part III U), and "upset" (Part III V) nothing in this permit shall be construed to relieve the permittee from civil and criminal penalties for noncompliance.
- P. Oil and hazardous substance liability. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under §§ 62.1-44.34:14 through 62.1-44.34:23 of the State Water Control Law.
- Q. Proper operation and maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes effective plant performance, adequate funding, adequate staffing, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by the permittee only when the operation is necessary to achieve compliance with the conditions of this permit.
- R. Disposal of solids or sludges. Solids, sludges or other pollutants removed in the course of treatment or management of pollutants shall be disposed of in a manner so as to prevent any pollutant from such materials from entering state waters.
- S. Duty to mitigate. The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- T. Need to halt or reduce activity not a defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- U. Bypass.
1. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to ensure efficient operation. These bypasses are not subject to the provisions of Part III U 2 and 3.
  2. Notice.
    - a. Anticipated bypass. If the permittee knows in advance of the need for a bypass, prior notice shall be submitted, if possible at least 10 days before the date of the bypass.
    - b. Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in Part III I.
  3. Prohibition of bypass.



- a. Bypass is prohibited, and the board may take enforcement action against a permittee for bypass unless:
  - (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
  - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
  - (3) The permittee submitted notices as required under Part III U 2.
- b. The board may approve an anticipated bypass, after considering its adverse effects, if the board determines that it will meet the three conditions listed in Part III U 3 a.

V. Upset.

1. An upset constitutes an affirmative defense to an action brought for noncompliance with technology-based permit effluent limitations if the requirements of Part III V 2 are met. A determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is not a final administrative action subject to judicial review.
2. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence that:
  - a. An upset occurred and that the permittee can identify the cause(s) of the upset;
  - b. The permitted facility was at the time being properly operated;
  - c. The permittee submitted notice of the upset as required in Part III I; and
  - d. The permittee complied with any remedial measures required under Part III S.
3. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

W. Inspection and entry. The permittee shall allow the director, or an authorized representative, upon presentation of credentials and other documents as may be required by law to:

1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
4. Sample or monitor at reasonable times, for the purposes of ensuring permit compliance or as otherwise authorized by the Clean Water Act and the State Water Control Law, any substances or parameters at any location.

For purposes of this section, the time for inspection shall be deemed reasonable during regular business hours, and whenever the facility is discharging. Nothing contained herein shall make an inspection unreasonable during an emergency.

- X. Permit actions. Permits may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.
- Y. Transfer of permits.
  - 1. Permits are not transferable to any person except after notice to the department. Except as provided in Part III Y 2, a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued, or a minor modification made, to identify the new permittee and incorporate such other requirements as may be necessary under the State Water Control Law and the Clean Water Act.
  - 2. As an alternative to transfers under Part III Y 1, this permit may be automatically transferred to a new permittee if:
    - a. The current permittee notifies the department at least 30 days in advance of the proposed transfer of the title to the facility or property;
    - b. The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage, and liability between them; and
    - c. The board does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement mentioned in Part III Y 2 b.
- Z. Severability. The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.



Exhibit B

Forms:

Registration Statement

Notice of Termination

# VPDES General Permit Registration Statement - Construction Activity Storm Water Discharges (VAR10)

(Please Type or Print All Information)

1. **Construction Activity Operator** (NOTE: The permit will be issued to this operator, and the Certification in Item #13 must be signed by the appropriate person associated with this operator [see the instructions])

Name: Washington Homes Inc.

Mailing Address: 4090-A Lafayette Center Drive

City: Chantilly State: VA Zip: 20151 Phone: 703-631-0834

2. **Location of Construction Activity**

Name: Coppermine Crossing Condominiums

Address: 2498 Curie Ct

City: Herdon State: VA Zip: 20171

If street address unavailable: Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Location of all Offsite Support Activities to be Covered Under the Permit

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

If street address unavailable: Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

3. **Status:** Federal ☐ State ☐ Public ☐ Private ☒ (Check one only)

4. **The Nature of the Construction Project** (e.g., commercial, industrial, residential, agricultural, oil and gas, etc.):

Residential

5. **Name of the Receiving Water(s):** Merrybrook Run

6. **If the Discharge is Through a Municipal Separate Storm Sewer System (MS4), the Name of the Municipal Operator of the Storm Sewer:** \_\_\_\_\_

7. **Estimated Project Start Date:** 3/15/04 **Estimated Project Completion Date:** 12/1/05

8. **Total Land Area of Development** (to the nearest quarter acre): 25 AC

**Estimated Area to be Disturbed** (to the nearest quarter acre): 16 1/4 AC

9. **Is the area to be disturbed by the construction activity part of a larger common plan of development or sale?** Yes ☐ No ☒

10. **Map:** Attach a topographic map or other map which clearly shows the location of the construction activity, the area to be disturbed (including offsite support activities), and the receiving stream(s) for the storm water discharge(s).

**NOTE: A storm water pollution prevention plan (SWPPP) must be prepared in accordance with the requirements of the General VPDES Permit for Discharges of Storm Water from Construction Activities prior to submitting this Registration Statement. By signing this Registration Statement you are certifying that the SWPPP has been prepared.**

11. **Location Where the SWPPP May be Viewed, and the Name and Phone Number of a Contact Person:** (NOTE: The contact person should be a person knowledgeable in the principles and practices of erosion and sediment controls, such as a licensed professional engineer, Responsible Land Disturber (RLD), or other knowledgeable person who possesses the skills to assess conditions at the construction site that could impact storm water quality)

Location of SWPPP: 4090-A Lafayette Center Drive Chantilly, VA 20151

Contact Person Name: Mark Angelus Phone Number: (703) 631-0834

12. **Permanent BMPs:** Attach a list of permanent BMPs (both structural and non-structural) that will be installed at the construction site. For each BMP, include the following information: (a) Type of BMP to be installed; (b) Geographic location (county - State Hydrologic Unit Code); (c) Waterbody the BMP will discharge into; and, (d) Number of acres that will be treated (to the nearest quarter acre).

13. **Certification:** "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Print Name: Timothy M. Brates Title: Vice President

Signature: \_\_\_\_\_ Date: 10/21/04

(Please sign in INK. The person signing this form must be associated with the operator identified in Item #1 above.)

For Department of Environmental Quality Use Only

DEQ-WATER FORM

2CC040

Accepted/Not Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_

Topo \_\_\_\_\_ Water Body \_\_\_\_\_ Basin \_\_\_\_\_ Class \_\_\_\_\_ Section \_\_\_\_\_ Special Status \_\_\_\_\_



Department of Conservation & Recreation  
CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

**VSMP General Permit Notice Of Termination -  
Construction Activity Storm Water Discharges (DCR01)**

(Please Type or Print All Information)

**1. Construction Activity Operator**

Name: K. Hornavian Homes of VA, Inc.  
Mailing Address: 4090-A Lafayette Center Dr.  
City: Chantilly State: VA Zip: 20151 Phone: (703)631-0834

**2. Location of Construction Activity**

Name: Coppermine Crossing  
Address: 13600 Coppermine Road  
City: Oak Hill, Fairfax County State: VA Zip: \_\_\_\_\_  
If street address unavailable: Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**3. VSMP Storm Water General Permit Number: VAR103681**

**4. The Reason for Terminating Coverage Under the General Permit (Note: The construction activity operator may only submit a Notice of Termination after one or more of the conditions below have been met):**

- ☐ Final stabilization has been achieved on all portions of the site for which the operator is responsible;
- ☐ Another operator has assumed control over all areas of the site that have not been finally stabilized;
- ☐ Coverage under an alternative VPDES or VSMP permit has been obtained; or
- ☐ For residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.

**NOTE: The Notice of Termination must be submitted within 30 days of one of the above conditions being met. Authorization to discharge terminates seven (7) days after the Notice of Termination is submitted. For the purposes of this permit, a Notice of Termination that is mailed is considered to be submitted once it is postmarked.**

**5. Certification:**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Print Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**(Please sign in INK. The person signing this form must be associated with the operator identified in Item #1 above.)**

**For Department of Conservation and Recreation Use Only**

Accepted/Not Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_



Department of Conservation & Recreation  
CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

## INSTRUCTIONS for FORM DCR 199-147

### VSMP General Permit Notice Of Termination - Construction Activity Storm Water Discharges

#### General

A VSMP General Permit Notice of Termination must be submitted when an operator no longer wishes to be covered under a VSMP General Permit for Storm Water Discharges From Construction Activities.

#### Section 1 Activity Operator Information

Give the legal name of the person, firm, public organization, or any other entity that was issued the general permit for the site described in this Notice of Termination. Do not use a colloquial name. Enter the complete address and phone number of the operator.

#### Section 2 Activity Location Information

Enter the activity's official name and complete street address, including city, state and ZIP code. If the activity or site lacks a street address, indicate the latitude and longitude to the nearest 15 seconds of the approximate center of the site.

#### Section 3 Permit Information

Enter the existing VSMP Storm Water General Permit number assigned to the activity or site identified in Section 1.

#### Section 4 Reason for Termination

Check the appropriate statement indicating the reason for submitting this Notice of Termination. The Notice of Termination may only be submitted after one or more of the following conditions have been met:

1. Final stabilization has been achieved on all portions of the site for which the operator is responsible;
2. Another operator has assumed control over all areas of the site that have not been finally stabilized;
3. Coverage under an alternative VPDES or VSMP permit has been obtained; or
4. For residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.

The Notice of Termination must be submitted within 30 days of one of the above conditions being met.

Authorization to discharge terminates seven (7) days after the Notice of Termination is submitted. For the purposes of this permit, a Notice of Termination that is mailed is considered to be submitted once it is postmarked.

#### Section 5 Certification

State statutes provide for severe penalties for submitting false information on this Notice of Termination.

State regulations require this Notice of Termination to be signed as follows:

For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (1) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (2) the manager of one or more manufacturing, production, or operating facilities provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures; **[Note: if the title of the individual signing this form is "Plant Manager", submit a written verification that the authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures];**

For a partnership or sole proprietorship: by a general partner or the proprietor; or

For a municipality, state, Federal, or other public facility: by either a principal executive officer or ranking elected official.

**The Department of Conservation and Recreation reserves the right to request additional information not directly addressed by the registration statement if, in its discretion, a facility or operation poses a potential impact on water quality.**





Exhibit C

Record of Land Disturbance

100

Project Name: Coppermine Crossing



Exhibit D

Record of Inspections

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*NORTHSIDE*

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
CURIE CT	SF	Y	N	Y	CLEAN/REPAIR SF
CURIE CT TOWNHOMES ON RIGHT REAR DRIVE	CE	Y	Y	Y	INSTALL PROPER CE
RIVER BIRCH	CIP	Y	N	Y	CLEAN/REPAIR CIP'S
DAVINIA LOTS 13581 - 13559	TS	Y	Y	Y	STABILIZE ALL DENuded AREA'S
IN REAR OF 13567 & LEFT OF 13559	IP	Y	N	Y	CLEAN/REPAIR IP'S
LEFT OF 13574 ON SALK	SF	Y	N	Y	CLEAN/REPAIR FALLEN SF
SALK	CIP	Y	Y	Y	INSTALL CIP PROTECTION & CLEAN/REPAIR EXISTING

200048

Signature: STEVEN SIMPSON

Title: ENVIRON. TECH

Date: 11/22/05

Signature: [Signature]

Rain Event: DN Date: 11/21-11/22

Project: COPPERMINE PR

incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*SOUTHSIDE*

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
ENTIRE SITE	CIP	Y	N	Y	CLEAN/REPAIR ALL CIPS
SITE	ROAD	Y	N	Y	CLEAN ROAD

200049

Signature: STEPHEN SUMPTSON

Title: ENVIRON. TECH

Date: 11/22/05

Signature: [Signature]

Rain Event: DN Date: 11/21-11/22

Project: COPPERMINE LD

no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

# PRODUCTION

2CC050

Title: ENVIRONMENTAL TECH

Rain Event: ☒ N Date: 11/12/05

o incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

LD

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
ENTIRE SITE	SF	Y	N	Y	CLEAN/REPAIR SF
ENTIRE SITE	CIP'S	Y	N	Y	CLEAN/REPAIR ALL CIP'S

200051

Signature: STEPHEN SIMPSON

Title: ENVIRONMENTAL TECH

Date: 11/17/05

Signature: [Signature]

Rain Event: ☒ Y ☐ N Date: 11/16/05

Project: COPPERMINE

If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.



**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
corner of River Birch and Ogline	SF	Y	N	Y	Repair and Reinstall silt fence on both sides of road.
Salk Street Lot 13670	CIP	Y	N	Y	<del>Repair</del> culvert inlet protection at curb (blocks broken)
All North outfalls	OP	Y	N	N	clean mud from outfalls to protect downstream areas
Salk Street	Road	Y	N	Y	Mud on road.
Lot 13640	stockpile	Y	N	N	Remove stockpile of old concrete, gravel, and dirt and clean curb
Lot 13640	CIP	Y	N	Y	Repair culvert inlet protection (blocks broken)
Salk Street	CIP	N	Y	Y	Install culvert inlet protection where vacant
Lot 13640	IP	N	Y	Y	Install inlet protection with dry backing

2005052

me: Ryan L. Ward

Title: Aquatic Ecologist

Date: 11-8-05

nature: Rain Event

Rain Event: Y/N Date: \_\_\_\_\_

Project: Coppermine Crossing ~~to~~ to

no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Salt Street	Dumpsters	Y	N	N	Haul off full dumpsters
River Birch	Stockpile	Y	N	Y	Remove stockpile from road
South side of Riverbitch <del>CE</del>	CE	N	Y	Y	Install construction entrances to access active lots. (use fabric and gravel)
South side of Riverbitch	SF	Y	N	Y	Repair down silt fence (16 in visible)
South side of Riverbitch	Roads	Y	N	Y	Clean mud from roads
North side perimeter	SF/SSF	Y	N	Y	Repair fence <del>SF</del> (SF or SSF) in down areas

2000053

Name: Ryan L. Ward

Title: Aquatic Ecologist

Date: 11-8-05

Signature: Ryan L. Ward

Rain Event: Y/N Date: \_\_\_\_\_

Project: Coppermine Crossing

If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Along curbe <del>near</del> River Birch	SF/CE	Y	Y	Y	Repair silt fence/ install construction entrance
Corner of Curbe near Coppermine Drive	IP	Y	N	Y	Repair inlet protection
Across street from 2470	SF	Y	N	Y	Repair fence
outfall by 2408	OP	Y	N	N	clean mud from outfall
Lot 13510	SF	Y	N	Y	Repair fence along lot
Bare Areas that are graded	SD	N	Y	Y	sod bare areas as soon as they are ready
Lot # 13570	CIP	N	Y	Y	No CIP on inlet
+ 13559	IP	Y	N	Y	Repair inlet Protection add 2x4 backing

200054

Signature: Ryan L. Ward

Title: Aquatic Ecologist

Date: 11-8-05

Signature: Ryan L. Ward

Rain Event: Y/N Date: \_\_\_\_\_

Project: Coppermine Crossing

I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*North Side*

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
CURIE CT	SF	Y	N	Y	REPAIR/CLEAN CURB PERIMETER SF
CURIE CT	CIP'S	Y	N	Y	CLEAN/REPAIR All CIP'S
CUTFAIL AT END OF CURIE CT		Y	N	Y	REMOVE ALL DEBRIS FROM CUTFAIL
CUTFAIL BETWEEN 13552 & 13548		Y	N	Y	CLEAN & REMOVE SEDIMENT & DEBRIS
DAVINCI	CIP'S	Y	N	Y	REPAIR/CLEAN All CIP'S
IN BETWEEN TANKHOUSES ON DAVINCI & CURIE CT.	IP	Y	N	Y	REPAIR & CLEAN IP'S & ADD 2x4 BACKING
LOT 13524, 13532, 13526 & 13574	SF	Y	N	Y	CLEAN & REPAIR All CURB SILT FENCE
LOT BETWEEN 13525 & 13583 13521 13534	SF	Y	Y	Y	INSTALL SF AT CURB & REPAIR SIDEWALK

Name: STEPHEN J. BROWN  
Signature: [Signature]

Title: ENVIRONMENTAL TECH  
Rain Event: DN Date: 10/24/25

Date: 10/25/05  
Project: CAPPERMINE

2CC055

compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*NORTH SIDE*

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
<i>LOTS 13633 13634 THROUGH 13636</i>	<i>CE</i>	<i>Y</i>	<i>N</i>	<i>Y</i>	<i><del>NEED TO</del> CE'S CLEAN &amp; REMOVE SEDIMENT</i>
<i>NEAR PATH BEHIND TOWN HOUSES ON SALK</i>	<i>SF</i>	<i>Y</i>	<i>N</i>	<i>Y</i>	<i>REPAIR/CLEAN SILT FENCE</i>

2005056

Signature: *STEPHEN SOMMER*

Title: *ENVIRONMENTAL TECH*  
Rain Event: ☒ N Date: *10/24-25*

Date: *10/25/05*  
Project: *COPPERMINE*

If incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*SOUTH SIDE*

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
STOCKPILES NEAR COPPERMINE RD	TS	Y	Y	Y	STABILIZE ALL STOCKPILES
ROAD ADJACENT TO OFFICE (IN FRONT OF)	CIP'S	Y	N	Y	CLEAN & REPAIR ALL CIP'S

20057

By: STEPHEN SIMPSON

Title: ENVIRONMENTAL TECH

Date: 10/25/05

Signature: [Signature]

Rain Event: NO Date: 10/24-25

Project: COPPERMINE

incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
along Derrin	SF	Y	N	Y	fix SF Between <del>Four</del> Holes Drive ways, install along curbs
along Derrin	CIP	Y	N	Y	Repair all CIP along Road
LOTS along Derrin Near Riverbark	ce	Y	Y	Y	install ce and clean Road, curb, CID
middle outfall protection AND NW outfall	OP	Y	N	Y	<del>done</del> <del>still in progress</del> clean out outfall protection of silt Debris, stabilize area
middle <del>of</del> outfall BEHIND Town House along Path	SF	Y	Y	Y	install SF along walking path
The NW OP BEHIND Town House	SF	Y	N	Y	Re 2x4 throw on SF
<del>the NW perimeter</del> NW Perimeter	SSF	Y	N	Y	Reinstall SSF
Far North <sup>west</sup> CIP	CIP	Y	N	Y	Repair CIP and clean out crush blocks

Name: Joe Lemmon  
Signature: Joe Lemmon

Title: Env Tech  
Rain Event: (Y)/N Date: 10-21-05

Date: 10-21-05  
Project: Copper River Crossing

2CC058

Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
CORNER OF CURIE AND RIVER BIRCH	SF	Y	N	Y	Repair silk Fence along corner of curie and River Birch
BETWEEN COPPERMINE AND CURIE BEHIND TH	BOTH IP	Y	N	Y	Replace Rip SF and install 2x4 Backing For support
along curie	SF	Y	N	Y	INSTALL SF PROPERLY
along curie	CIP	Y	N	Y	clean and Repair chicken wire and install 2x4 + Binder Block
along playground	IP	Y	N	N	Remove IP's as long as area finally stabilized.
IN OF CURIE	CIP	Y	N	Y	clean Road plus Repair/Replace CIP
Sight outfall area	OP	Y	Y	Y	clean out full area of Trash and silk and stabilized streambed area
DAVING LN	ROAD	Y	N	Y	Clear Road of Debris and mud

Name: Doc Lemmon

Title: EOV J.H

Date: 10-21-05

Signature: Doc Lemmon

Rain Event: (Y) N Date: 10-21-05

Project: Copper mine crossing

2CC059

compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.



**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
NW corner Road Parallel To RiverBirth	SF	Y	Y	Y	Place SF ON Both corner sights by gate
NW side Road Parallel To RiverBirth	CIP	Y	N	Y	Fix CIP with with block and 2x4 install water diverter.
<del>At 3</del> " " Near New Pools	CE	Y	N	Y	clean and Remove debris from CE
LOT 13638	CIP	Y	N	Y	Fix SF and <del>clean</del> CIP Clean
LOT 13638	ce	Y	N	Y	clean curb and Road to widen the CE AND Remove Debris and stockpile
" "	IP	Y	Y	Y	install IP with 2x4 protection
all Dumpsters Near CIP	CIP	Y	N	Y	Remove all Dumpsters 50 feet from CIP (Repair all damaged CIPs)

20060600

Signature: Joe Lennor  
No incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

Title: Env Test  
Rain Event: Y/N

Date: 10-21-05  
Project: Copper Mine Crossing

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Southside	SF	Y	Y	Y	Reinstall SF along Copper Mine Road and River Birch.

20061

Signature: Joe Lennor

Title: EUV Tech  
Rain Event: (Y) N Date: 10-21-05

Date: 10-21-05  
Project: Copper Mine Crossing

No incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N)¹	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Between Denville and Curie	IP	Y	N	Y	Repair sf and install 2x4 Bucking
<u>SOUTH side</u>					
River Birch Road	Road	Y	N	Y	Remove stockpile from public Road and stage on side.
River Birch Road	CIP	Y	Y	Y	clean and Repair and install as needed
SF along Road Thruout site	SF	Y	N	Y	Repair SF Road and Filler
all Lots	ce	Y	Y	Y	install ce to access Lot
SOUTH side stockpile	TS	Y	Y	Y	stabilize stockpile with TS
Stockpile near Road	TS	Y	Y	Y	move stockpile from Road edge and stabilize

Name: Joe Lemo

Title: Env Tech

Date: 10-21-05

Signature: [Signature]

Rain Event: (Y) N Date: 10-21-05

Project: Copper Mine Crossing

2CC062

compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
RD 8161 by trailer	CIP	Y	N	Y	CIP broken
Area behind trailers	CE	Y	N	Y	Mud on roads
Bare Areas	TS	Y	Y	N	stabilize bare areas on site

2006063

me: Ryan Ward  
signature: Ryan L Ward

Title: Aquatic Ecologist  
Rain Event: Y/N Date: 10/11

Date: 10/11/05  
Project: Copper mine Crossing

no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
DaVinci	CIP	Y	N	N	repair Culvert inlet protection
DaVinci	CE	Y	N	Y	Mud on Road
DaVinci & River Birch	SF	Y	N	Y	silt fence down
River Birch	CIP	Y	Y	Y	CIP missing at area of new house construction and others
River Birch	SF	Y	N	Y	silt fence along path behind homes is down in many areas
River Birch	SSF	Y	N	Y	Fence has been run over by equipment in many places
Area behind trailer	SF	Y	N	Y	silt fence down in area.
Area behind trailer	TS	N	Y	N	stabilize inactive stockpiles

Name: Ryan Ward  
Signature: Ryan Ward

Title: Aquatic Ecologist  
Rain Event: Y/N Date: 10/11/05

Date: 10/11/05  
Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Curie Ct. on rt.	SF	Y	N	Y	SF cut down
Da Vinci	TS	Y	N	N	TS denuded areas
11	SF	Y	N	Y	SF down along rd + around sewers
11 on rt	CIP	N	Y	Y	CIP Needed
11	CIP'S	Y	N	Y	CIP'S Broken
Perimeter Behind Da Vinci	SSF/SF	Y	N	Y	SSF/SF down @ OP, also down Behind Townhomes
Road By Trailer Perimeter	SF	Y	N	N	SF Down in areas
11	CIP'S	Y	N	Y	CIP'S Damaged

200605

By: Zack D

Title: Bio-logist

Date: 10/10

Signature: Zachary [Signature]

Rain Event: Y/N Date: 10/4/05

Project: Coppermine X-ting

In the presence of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
By trailer	SF	Y	N	N	SF down in areas
Entire site	TS	Y	N	N	TS inactive areas

2CC066

Inspector: Jack D

Title: Biologist

Date: 10/9

Signature: [Signature]

Rain Event: Y/N Date: 10/9/05

Project: Coppermine X-ing

If incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Curve Ct. All Finished Lots	SD	Y	Y	N	Stabilize all denuded areas w/TS or SOD
Back Corner of Curve Near Coppermine Drive	CE	Y	N	N	Remove stockpiles of yard debris from CE
All Overfilling Trash cans/hand off's	Dumpsters	Y	N	N	Haul off dumpsters; need to be removed if over full.
Inlet Protection Btw Coppermine & Townhomes	IP	Y	N	Y	Remove Rock/Sediment from Inlet Protection; Repair SF
North side of River Birch	CE	Y	Y	Y	Install CE's on all active lots without
" "	SF	Y	Y	Y	Reinstall SF along road in front of lots
Far North Perimeter	SSF	Y	Y	Y	Reinstall SSF behind active lots
Outfalls	OP	Y	Y	Y	Remove sediment/debris from site outfalls

Name: Eck Forbes  
Signature: Eck

Title: Agwater Ecologist  
Rain Event: Y/N Date: \_\_\_\_\_

Date: 9/28/05  
Project: Coppermine Crossing

<sup>1</sup> If no incidents of non-compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.



**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
North side of River Birch Infront of Townhomes	IP	Y	Y	Y	Repair/Clean Inlet Protection on lots
North Side of River Birch -	CIP	Y	Y	Y	Place SF Batching around CI + clean curb/Road of Debris
South side of River Birch	TS	Y	Y	N	stockpiles - stabilize all stockpiles w/in 7 days if dormant for 30
South side - New Verticle	CE	Y	Y	Y	Install CE's to access all sites

200608

by: Eric Forbes  
Signature: [Signature]

Title: Aquatic Ecologist  
Rain Event: Y/N Date:           


Date: 9/28/05  
Project: Coppermine Crossing

If incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
BETWEEN TWIN HOUSE & PATH	SSF	Y	N	Y	CLEAN & REPAIR SSF
SOUTH SIDE RAILBENCH ROAD	ROAD	Y	N	Y	REMOVE ROCK SPILL PILE FROM ROAD & PUT IN DESIGNATED AREA
SOUTH SIDE	CIP'S	Y	Y	Y	SILT FENCE DRAINING ON ALL CIP'S
SOUTH SIDE STOCKPILE	TS	Y	Y	Y	STABILIZE ALL STOCKPILES
COPPERMINE DRIVE	SF	Y	N	Y	REPAIR SILT FENCE ALONG OUTSIDE PERIMETER

200069

me: STEPHEN SIMPSON  
nature: 

Title: ENVIRONMENTAL TECH  
Rain Event: Y/N Date:                     

Date: 9/13/85  
Project: COPPERMINE

no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
DENuded LOTS ALONG CURIE CT	SD	Y	Y	Y	STABILIZE ALL DENuded AREAS (LOTS)
CURIE CT., DAVINCI	DUMPSTERS	Y	N	N	EMPTY Haul OFF DUMPSTERS.
DAVINCI	SD	Y	N	Y	STABILIZE ALL DENuded AREAS
DAVINCI	TS STOCKPILES	Y	Y	N	STABILIZE ALL STOCK PILES & REMOVE FROM ROAD
DAVINCI PERIMETER SILT FENCE (ALONG ROAD)	SF	Y	N	Y	REPAIR & CLEAN ALL SILT FENCE
ROAD PARALLEL TO RIVER BRUSH	CIP'S	Y	Y	Y	CLEAN CURB, INSTALL/REPAIR ALL CIP'S
NEAR PATH BEHIND TOWNHOMES ON DAVINCI	SSE	<del>Y</del>	N	Y	REPAIR SUPER SILT FENCE
OUTFALLS NEAR PATH	OP	Y	N	Y	REPAIR FALLIN SF & REMOVE SEDIMENT FROM RIP RAP

200070

By: STEPHEN SIMPSON  
Signature: [Signature]

Title: ENVIRONMENTAL TECH  
Rain Event: Y ☒ N ☐ Date: \_\_\_\_\_

Date: 9/13/05  
Project: COTTERDALE

incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*Production*

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
ROAD PARALLEL TO RIVERBIRCH NW OF DAVINCI	CE	Y	Y	Y	ALONG ROAD REMOVE SEDIMENT (STOCK PILES) CLEAN CURBS & ROAD; INSTALL CE
" "	SF	Y	Y	Y	INSTALL SILT FENCE ALONG ROAD
" "	CIP	Y	Y	Y	INSTALL / REPAIR / CLEAN ALL CIP'S ALONG ROAD.

200071

Signature: STEPHEN SIMPSON

Title: ENVIRONMENTAL TECH

Date: 8/29/05

Signature: [Signature]

Rain Event: Y / N Date: 8/27/05

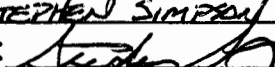
Project: COPPERMINE

If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*PRODUCTION*

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
END OF CURIE CK.	ROAD	Y	N	Y	REMOVE ALL DUCK PILE ROCK IN ROAD (CLEAN ROAD)
NORTHSIDE <del>ON</del> EAST OUTFALL	OP	Y	Y	Y	STABILIZE ALL DENUDED BEHIND SILT FENCE NEAR OUTFALL; REMOVE SILT, DEBRIS
AREA BETWEEN NEW PATH & TOWN HOMES	SF/TS	Y	Y	Y	CLEAN & REMOVE ALL SEDIMENT FROM WOODS & PROTECT WITH SILT FENCE OR TS
ALONG DAVINCI	CIP	Y	N	Y	CLEAN & REPAIR ALL CIPS
13548	SF	Y	Y	Y	SILT FENCE AROUND MAN HOLE OR UNDERNEATH LID.
OUTFALL NEAR DAVINCI	SF/OP	Y	Y	Y	REPAIR SILT FENCE; REMOVE SILT FROM OUTFALL. STABILIZE ALL DENUDED AREAS
PATH BETWEEN WETLAND & TOWN HOMES	PATH	Y	N	Y	CLEAN PATH
WEST OUTFALL	OP	Y	N	Y	REMOVE SEDIMENT FROM OUTFALL

Name: STEPHEN SIMPSON  
Signature: 

Title: ENVIRONMENTAL TECH  
Rain Event: Y/N Date: 8/27/05

Date: 8/29/05  
Project: COPPERMINE

2CC072

compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*SOUTH SIDE*

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
ENTIRE SOUTH SIDE	SF/TS	Y	Y	Y	STABILIZED ALL LOTS; OR INSTAL SILT FENCE ALONG CURB.
ALL CIP'S ALONG ROADS	CIP'S	Y	Y	Y	INSTAL SILT FENCE BACKING AROUND CURB INLETS.
PAVED STREETS	CE	Y	<del>Y</del> Y	Y	CLEAN MUD OFF ROAD INSTAL CE'S TO ACCESS LOTS
STACK PILE	SF/TS	Y	Y	Y	STABILIZE OR INSTAL SILT FENCE AROUND STACK PILE.
ALONG COPPERMINE	SF	Y	N	Y	REPAIR SILT FENCE

20073

Signature: STEPHEN SIMPSON

Title: ENVIRONMENTAL TECH  
Rain Event: Y/N Date: 8/27/05

Date: 8/29/05  
Project: COPPERMINE

If incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*Production*

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Along River Birch	CIP	Y	N	Y	CLEAN & REPAIR ALL CIP'S
FINISHED LOTS ALONG CURB CT.	SD	Y	Y	Y	INSTALL SOD ON ALL FINAL GRADED LOTS. (REMOVE TRASH)
CURIE Ct.	RAND	Y	N	Y	CLEAN ROAD
CURIE Ct.	CIP	Y	Y	Y	INSTALL SILT FENCE IN BACK OF CURB INLET (CLEAN & REPAIR CIP)
PERIMETER SILT FENCE ALONG ROAD (CURIE Ct.)	SF	Y	Y	Y	INSTALL SILT FENCE TO EXISTING ALONG CURB & CE (REMOVE ASPHALT STRUCK PILE)
INLET PROTECTION BETWEEN CURIE CT. & COPPERMINE	IP	Y	N	N	REMOVE WOOD FROM SILT FENCE & REPAIR
PLAYGROUND	TS	Y	Y	Y	STABILIZE ALL DENUDED AREAS OR INSTALL SILT FENCE PROTECTION
PLAYGROUND	IP	Y	N	N	REMOVE SEDIMENT FROM INLET PROTECTION (SF)

Name: Erin Furber

Title: Aquatic Ecologist

Date: 8/29/05

Signature: Gu. [Signature]

Rain Event: 0/N Date: 8/27

Project: Coppermine Crossing

<sup>1</sup> If no incident of non-compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

2CC074

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Coppermine perimeter at River Birch	SF	N	Y	Y	extend perimeter around active construction
Corner by Lot 911	SF	N	Y	Y	extend/install SF adjacent to home
Curie Ct. by 916	SF	N	Y	Y	install SF around curb
Denuded area by playground	TS/SF	N	Y	Y	either install SF around denuded area or add TS straw
Road by 91131	Road	Y	N	Y	Sediment in Road; please clean
Corner of Davinci & Curie (both sides)	SF	Y	N	Y	SF down, clear sediment from Road
End of Curie in front of last Bldg	SF	N	Y	Y	install SF
Curie Ct. (parking area by hydrant)	CE/Road	Y	Y	Y	install CE & clear sediment from Road

Name: Chris Ruck  
Signature: Chris Ruck

Title: Natural Resource Specialist  
Rain Event: DN Date: 8/16/05

Date: 8/17/05  
Project: Coppermine Closing

<sup>1</sup> If no incidents of non-compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.



**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Curie Ct. - outfall to wetland	CD	Y	N	N	clear sediment from CD at culvert outfall
Curie Ct. 1 <sup>st</sup> bldg on left. (R. Birch)	SSF	N	Y	Y	Install SSF around path & repair areas that have been run-over
River Birch perimeter to wetland (Right of Culvert)	SSF	N	Y	Y	Re-install SSF behind new homes & pathway
River Birch perimeter (left of culvert)	SSF	Y	N	Y	Clear sediment from SSF - overtopping in places
New Road Left side of River Birch	CIP	N	Y	Y	install CIP (only 1 left open)
Left side of River Birch (Land Dev)	TS	N	Y	Y	Install TS (straw) to denuded areas w/out active work for 30 days

200076

Signature: Chris Ruck  
Signature: Chris Ruck

Title: Natural Resource Specialist  
Rain Event: (Y)/N Date: 8/16/05

Date: 8/17/05  
Project: Coppermine Crossing

incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Lots 918-918 w/driveways	SD or TS	Y	Y	N/Y	Install sod or TS denuded areas or protect w/SF
Curie Ct. (All LPS)	Road CIP	Y	Y	Y	Install CIP where needed + clean Road
Corner of Lot 1111 (back) Curie Ct	SF	Y	Y	Y	Reinstall Removed SF to stop mud from entering road
Playground Area	TS	Y	Y	N/Y	Stabilize denuded areas
Atendot Dannei near Playground walk way	SF	Y	Y	Y	Clean Curb & Road + place SF protection on down slopes
Curie Ct. Past (North) of Dannei	CE	Y	Y	Y	Remove sand/silt from Road + curb + CE
Near Intersection of Dannei & Curie (Btw Townhomes)	CE	Y	Y	Y	Install CE to travel between Townhomes
Lot 514	CE	Y	N/Y	Y	Repair CE + Clean Curb + Road

Signature: Eric Forbes

Title: Agvate Ecologist

Date: 8/10/05

Signature: Eric Forbes

Rain Event: (Y) N Date: 8/8-8/9

Project: Coppermine Crossing

incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Outfall behind Lot 514	OP	Y	N	Y	Remove sediment from OP & clean rock & sediment from SSF
Between Outfalls Along Davine	SSF	Y	Y	Y	Repair damaged SF & SSF
Road Parallel to River Birch (North)	SF	Y	Y	Y	Repair/Install SF perimeter controls along Road
" "	CIP	Y	N	Y	Repair CIP - new blocks needed
North Side Perimeter Controls	SSF	Y	Y	Y	Repair/Install perimeter controls along weirs
All open Lots North side (New)	CE	Y	Y	Y	Install CE's on all current lots
River Birch	CIP	Y	N	Y	Repair/clean all CIP's & Clean Road

200708

Eric Forbes  
Signature: Eric Forbes

Title: Agave Ecologists  
Rain Event: (Y)/N Date: 8-8-09

Date: 8/10/05  
Project: Coppermine Crossing

In the absence of incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
South side of River Birch	CIP	Y	Y	Y	Install SF Backing around all curb inlets or stabilize
Stockpile (South)	TS	Y	Y	N/Y	stabilize stockpile within 7 days if dormant
All graded lots	TS	Y	Y	N/Y	stabilize all graded lots

2CC079

By: Eric Forbes  
Signature: [Signature]

Title: Aquatic Ecologist  
Rain Event: DN Date: 8/8-8/9

Date: 8/10/05  
Project: Coppermine Crossing

incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

(Summit)  
South side of River Birch

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Curb Inlets	SF	Y	Y	Y	Install SF around back side + corners of all Curb Inlets
Inlet Protection	IP	Y	N	Y	Inlet protection repair - tighten + redig SF + Place w/ 2x4 backing to support

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 7/19/05

Signature: [Signature]

Rain Event: Y/N Date: 7/16-7/17

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Behind Townhomes (Davinci) near outfall perimeter SF	SF	Y	N	Y	Repair all damaged SF
Outfall Adjacent to Davinci Lane	OP	Y	N	Y	Remove access sediment in Outfall that can wash out -
Road Parallel to River Birch	SF	Y	Y	Y	Install SF Perimeter on Road + around backside of Storm drains
" "	CE	Y	Y	Y	Install Proper CE to access lots + clean road/curb
Northwest Outfall	OP	Y	N	Y	Remove access sediment from Outfall Riprap -
River Birch	Road/CIP	Y	N	Y	Repair CIPs + clean road
<del>South Side</del>					

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 7/19/05

Signature: 

Rain Event: Q/N Date: 7-16-7-17

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Lot 1234 (House) Corner of River Birch + Curie	SF	Y	Y	Y	Install Perimeter controls around Lot - Clean sidewalk
House 1219 1112	SF	Y	N	Y	Repair damaged SF
Curie (t. Da Vinci Lane	Road	Y	N	Y	Clean Curie Road + curb
Across street from 1114	IP	Y	N	N	clean IP - sediment almost breaching SF/IP
Playground	TS/SF	Y	Y	N	Stabilize all denuded areas or install SF to protect road
End of Curie (t.)	CIP	Y	N	Y	Clean + Repair CIP + Remove Dumpster from Top -
Da Vinci - End Btw Townhomes Entrances	CE/SF	Y	Y	Y	Install CE or SF to stop traffic from entering area btw. townhome units
Behind End of Curie (t.) Townhomes	SF	Y	N	Y	Repair Ripped / low SF

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 7/19/05

Signature: Eric Forbes

Rain Event: Y/N Date: 7/16-7/17

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

20082

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Demuded areas near Playground	TS/Soil	Y	Y	Y	Stabilize all demuded areas around Playground
Btw playground + Coppermine Drive	IP	Y	N	N	Repair loose IP.
IP next to playground	IP	Y	N	N	clean off accumulated sediment + restaple tight
End of Curie Ct.	CIP	Y	N	Y	Repair broken CIP + Install Correctly
Curie Ct. (Entire street) Street + Curb + Davinci	clean	Y	N	Y	clean Entire Street/Curb
Davinci (Road) Access to back of Townhomes (both)	CE	Y	Y	Y	Install CE's between townhomes where Fork Lift enters
stockpile in front of 554	554/CE	Y	Y	Y	Remove stockpile + install Entrance
Davinci Lne.	CIP's	Y	N	Y	Repair/Install Correctly all CIP's

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 7/15/05

Signature: 

Rain Event: ☒ Y ☐ N Date: 7/19

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.



**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Riverbirch	Road	Y	N	Y	Clear road - mud on street
Riverbirch	CIP's	Y	Y	Y	Install CIP's on Riverbirch - Sediment entering gutters
South side of Riverbirch	TS	Y	Y	Y	Stabilize all denuded lots/site has been dormant -
All Curb Inlets	SF	Y	Y	Y	Wrap silt fence around backside of manholes along curb - sediment can enter

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 7/15/05

Signature: 

Rain Event: ☒ Y ☐ N Date: 7/13

Project: Coppermine Crossings

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Inside of Tall fence on corner of Coppermine Pt. + Riverbitch	TS	Y	Y	Y	Clean off 2 ft high Pile of Mud + regrade stabilize denuded area -
Corner lot (Southside) of Curie + Riverbitch	SF	Y	Y	Y	Install Perimeter SF around Lot
Lot 912 - Corner Lot Curie Ct	SF	Y	Y	Y	Repair/re-install Perimeter SF or stabilize w/ sod
Lot 1011	CE	Y	Y	Y	Install CE - mud on road from Entrance
From Lot 1012 - 1023 CE	SF	Y	Y	Y	Install SF along road -
CIP In front of Lot 1024	CIP	Y	N	Y	Install CIP correctly + replace broken blocks mud entering system
Across (Curie Ct) from lot 1024	SF	Y	Y	Y	Repair all driven over / damaged SF
Lot 1111	CE	Y	N	N	"Beat up" stone on CE

Name: Eric Forbes

Signature: 

Title: Aquatic Ecologist

Rain Event: DN Date: 7/12

Date: 7/15/05

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

Production

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Da Vinci Lane Perimeter Controls	SF	Y	Y	Y	Reinstall SF around all denuded lot areas along Da Vinci Lane
East Outfall behind (both) Da Vinci	OP	Y	N	N	Clean/remove sediment from Outfall Protect
Parallel Street to Riverbirk on North Side	CIP's	Y	N	Y	Clean road + CIP's - Repair CIP's + Install Correctly
" "	SF	Y	Y	Y	Install SF along road - mud on road
" "	CE's	Y	Y	Y	Install CE's on all entrances - mud on road

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 7/15/05

Signature: Eric Forbes

Rain Event: 0/N Date: 7/13

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

200086

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Davinci Ln	SF	Y	N	N	SF Down in areas
	CE	Y	N	N	Few CE's need stabilized
Curie Ct.	SF	Y	N	N	SF Down in areas
Area by piles of T&E beams, trusses	CIP	Y	N	N	Fix Broken CIP
	CE	Y	N	N	Mud on roads
Area of unpaved roads	SF	Y	N	N	SF Near Entrance down
	TS	Y	N	N	Stabilize inactive areas
Main road by trailer	CIP's	Y	N	Y	opening in CIP's

Name: Zack Degraff

Title: Wildlife Biologist

Date: 7/8/05

Signature: [Signature]

Rain Event: (Y) N

Date: July 7-8, 2005

Project: Coppermine X-ing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

2000087

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Curie Ct. / River Birch 1 <sup>st</sup> house on Rt.	SF	N	Y	Y	install SF along perimeter (River Birch
Curie Ct. across from 111	SF	N	Y	Y	install SF along Road
Da Vinci	Road	Y	N	Y	clean sediment from Road
Da Vinci across from 554	CE	N	Y	Y	install CE by small parking area sediment in Road
Da Vinci next to 554	CE	Y	Y	Y	install CE by
Da Vinci Parking by Don's Johns	SF	N	Y	Y	install SF around denuded area
River Birch Access Road	Road	Y	N	Y	clear sediment from Road
River Birch Access Road	CE/SF	N	Y	Y	install SF along Road <u>or</u> install CEs

Name: Chris Ruck

Title: Natural Resource Specialist

Date: 7/1/05

Signature: Chris Ruck

Rain Event: Y/N Date: 6/29/05

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Land development (trailer) side of River Birch	CIP	N	Y	Y	Install CIP at all curb inlets (rock gabions)
Drains along Coppermine Rd.	SF	Y	N	N	Repair ripped & undercut SF around drains

Name: Chris Ruck

Signature: Chris Ruck

Title: Natural Resource Specialist

Rain Event: (Y) N Date: 6/29/05

Date: 7/1/05

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

2CC089

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Lot 1234 Curie Ct. Right off Riverbitch ON corner	SF	Y	Y	Y	Wrap SF from corner of CE to SF along perimeter (Riverbitch)
Lots 924, 1011, 1024, 1120 1121	CE	Y	N	N	"Beef up" CE - Add stone where needed
In front of Lot 1024 Curie Ct Road	CIP	Y	N	Y	Repair damaged CIP - sediment leaving site
" "	SF	Y	N	Y	Repair damaged SF + connect to CE of lot 1024
Curie Ct - Near Lot 1111 ON corner	CIP	Y	N	Y	Repair damaged CIP - sediment leaving site
Site Access to Playground across street from lot 1111	SF	Y	Y	Y	Install SF along road to protect tree area + downsloping side
Between Columns + at corner on Curie Ct. Access to playground	CE's	Y	Y	Y	Install CE's at both access points -
Lot 1134 perimeter SF	SF	Y	N	N	Repair damaged SF around corner

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 6/23/05

Signature: *Eric Forbes*

Rain Event: Y / N Date: \_\_\_\_\_

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

Land

2CC090

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
End of Curie Ct in front of Lot 2412	CIP	Y	N	Y	Repair damaged CIP - sediment leaving site
Lots 555, <del>882</del> , <del>880</del> 13521, 13534 - Access areas btw Townhomes	CE	Y	Y	Y	Install CE's at all access points where sediment is on road b/c of Forklifts
<del>Lot</del> Davinci Lane	CIP	Y	N	Y	Repair damaged CIP's along Road
Lot <del>882</del> 13539	SF	Y	Y	Y	Install Perimeter SF around Corner from CE to CE
Outfall Area Behind Davinci Lane	OP	Y	N	N	Remove accumulated Sediment from Outfall -
North side East of 2nd Outfall into wetland	SSF	Y	N	Y	Repair SSF where ripped -
Outfall Area on North Side (New Production)	OP	Y	N	N	Clean out sediment from Rip Rap - can leave impacting wetland
West of Outfall North Side	SSF	Y	N	N	Clean off accumulated Sediment from SSF - almost overtopping

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 6/23/05

Signature: *Eric Forbes*

Rain Event: Y ☒ Date: \_\_\_\_\_

Project: Coppermine Crossings

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.




**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
North Side Perimeter along road (New Production Area)	SF+CE	Y	Y	Y	Install Perimeter SF and/or CE's
On North Side of River Birch along parallel road	CIP	Y	N	Y	Repair damaged CIP's sediment leaving site
North side End of Site (West)	SF	Y	N	N	Repair damaged SF-
River Birch Road	CIP's	Y	N	Y	Repair + Clean out all CIP's on road

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 6/23/05

Signature: 

Rain Event: Y / ~~N~~ Date: \_\_\_\_\_

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

200092

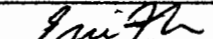
**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
South side Entrances (3)	CE's	Y	Y	Y	Reinstall CE's at access points to clean South side of Riverbirk Road site road
South side of Riverbirk Site	CIP's	Y	Y	Y	Install CIP's on all open curb Inlets
South side of Riverbirk Rd. site	SF	Y	Y	Y	Install SF along all curbs where areas are denuded or TS all denuded areas
South side of Riverbirk Rd.	IP	Y	N	Y	Repair all damaged SF around Inlets-

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 6/23/05

Signature: 

Rain Event: Y/(N) Date: \_\_\_\_\_

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Production -

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Adjacent to lot <del>13517</del> 13517 + 13559, 13565	CE	Y	Y	Y	Install CE Behind Townhomes where accessed -
Da Vinci lane Perimeter SF	SF	Y	Y	Y	Install SF where needed + repair all fallen SF.
North Side of River Birch (road parallel)	CIP	Y	N	Y	Repair CIP's allowing sediment to leave site
" " "	SF	Y	Y	Y	Install SF along road where (denuded) sediment can leave site
North East Perimeter SSF behind Townhomes	SSF	Y	N	Y	Clean off SSF + Repair damaged areas - (long fence is on top of SSF)
NE Outfall behind Townhomes + Noutfall	OP	Y	N	Y	Clean outfall Protection (RR) + DD at back heavy loads of Sediment
North Side lots	TS	Y	Y	N	Stabilize all graded lot -
North side IP	SF	Y	N	Y	Repair SF around Inlet + remove sediment.

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 6/8/05

Signature: Eric Forbes

Rain Event: (Y) N Date: 6/6-6/7

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

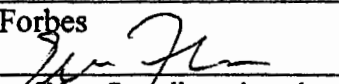
200094

Production

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Curie Ct. Entrance Rt. side facing Site	SF	Y	Y	Y	Install SF from CE to connect to SF around corner perimeter
" " "	CE	Y	Y	Y	Install CE to access roll offs
Curie Ct. Perimeter SF protecting Road	SF	Y	N	Y	Repair SF along road.
Lot 1023	CIP	Y	N	Y	Repair broken CIP - sediment leaving site
Lot 1112	SF	Y	N	Y	Repair SF - sediment entering road
Across street from lot 1110	CIP	Y	N	Y	Repair SF around Inlet - Sediment can leave via Inlet
Playground vicinity	TS	Y	Y	N	Stabilize denuded areas -
In front of Lot 2412	CIP	Y	N	Y	Repair broken blades of CIP - sediment leaving site

Name: Eric Forbes

Signature: 

Title: Aquatic Ecologist

Rain Event: ☒ N Date: 6/6-6/7

Date: 6/8/08

Project: Coppermine X

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

200095

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Far NW Perimeter	SF	Y	Y	Y	Install SF around open denuded area + Tie into SSF
River Birch Dr.	CIP	Y	N	Y	Repair broken CIP - sediment entering inlet
South Side CE	CE	Y	N	Y	"Beef up" CE on South side - mud on Road
River Birch Pr.	Road	Y	N	Y	Clean road - mud on street
South Side CIP	CIP/SF	Y	Y	Y	Install CIP's on all Curb Inlets - sediment can leave site
Coppermine Dr. Perimeter	SF	Y	N	Y	Repair driven over (fallen) SF + Clean Road -
South Side IP	IP	Y	N	Y	Repair loose Inlet protection

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 6/8/05

Signature: Eric Forbes

Rain Event: (Y) N Date: 6/6-6/7

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

Production  
 Development

**SWPPP Record of Site Inspection**  
 (Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N)'	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
River Brook gravel road	CIP	Y	N	Y	repair CIP closest to Davinci
River Birch gravel road	SF/CE	N	Y	Y	Need SF or CE along length of gravel road
Road all curb in let	CIP	N	X	X	install all CIP
CE along River Birch	CE	Y	N	Y	add stone + remove sediment from road
River birch + near Coppermine trailer	SF	N	Y	Y	add SF to perimeter near sales trailer

Name: Bryan Schader

Title: Biologist

Date: 6/3

Signature: Bryan Schader

Rain Event: ☒ Y ☐ N Date: 6/3

Project: Coppermine Crossing

' If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
corner of curie ct. + river birch	CE	N	Y	Y	sediment in road / install CE
1011 + 1012, 1024	CE	Y	N	N	add stone to CE
1024	CIP	Y	N	N	repair CIP, sediment flowing in
2428 curie ct.	CE	Y	N	N	add stone
Davinci between 1134 + 811	CE	N	Y	Y	create CE, remove mud
Davinci 13516- 13540	CE	N	Y	Y	create CE along road
perimeter behind 523-524	SSF	Y	N	N	clean SSF sediment
7-21-7-31	CE	Y	Y	Y	add CE, clean roads

Name: Bryan Schauder

Title: Biologist

Date: 6/3

Signature: Bryan Schauder

Rain Event: ☒ Y ☐ N Date: 6/3

Project: Copper mine crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

2CC098

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
across from 7-21-7-31	SF	Y	N	N	repair SF

Name: Bryan Schander

Title: Biologist

Date: 6/3

Signature: Bryan Schander

Rain Event: ON Date: 6/3

Project: Coppermine crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

2000099



**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Curie, Davinci, & River Birch	Road	Y	N	Y	Sediment in all roads - remove sediment
Curie corner lot w/ River Birch	CE	Y	Y	Y	install CE - needs stone sediment in road
Right side of Curie Ct. near playground	SF	N	Y	Y	need SF around perimeter of denuded areas - sediment in road
last segment of Houses on Curie Ct. [#611-end]	CE	Y	Y	Y	need CE in front of each homesite sediment in road (remove)
Davinci next to #811 by firehydrant	CE	Y	Y	Y	need CE - sediment in road
Sites 821-834/833	CE/SF	Y	Y	Y	add stone for CE or install SF sediment in road
Site 523	CE/SF	Y	Y	Y	create CE or install SF
Perimeter behind #523 row	SSF	Y	N	Y	SSF down & overtopped remove sediment & repair or replace SSF

Name: Chris Ruck

Title: Natural Resource Specialist

Date: 5/25/05

Signature: Chris Ruck

Rain Event: Y/N Date: 5/23-4/05

Project: Coppermine Crossing (pg. 1)

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

200100

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
River Birch gravel road	CIP	Y	N	N	repair CIP - damaged CIP
River Birch gravel road sections where curb was removed	SF	N	Y	<del>N</del> Y	SF needed; please install where curb was removed
River Birch gravel road near new stockpiles	CE	N	Y	Y	CE needed at site entrances sediment on road
All CI on trailer side along gravel road	CIP	N	Y	Y	All CIs need CIP - gravel & sediment pushed into at least one CI
Broken H <sub>2</sub> O Cap near gravel road "T."	SF	Y	Y	Y	need SF around water line (exposed) or repair cap.
Manhole next to small stock pile by Don's John	SF	Y	N	Y	SF pushed into exposed manhole sediment in sewer
River Birch CEs	CE	Y	N	Y	add stone & clear sediment from road

Name: Chris Ruck

Title: Natural Resource Specialist

Date: 5/25/05

Signature: Chris Ruck

Rain Event: (Y) N Date: 5/23-4/05

Project: Coppermine Crossing (pg. 2)

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

200101

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Construction entrance on <del>Coppermine</del> by Don's John River Birch	SF/CI	N	Y	N	Add SF around curb inlets (CI) along access road (3)
End of Court to Right of Don's John	SF/CI	N	Y	N	Add SF around CI, (2)
Manhole at Coppermine & utility pole	SF	Y	N	N	remove sediment below 1/2 height of SF
CI behind trailer	SF	N	Y	N	Add SF around CI (1)
site 1134	SF	Y	N	N	Repair/restyle SF down on corner
End of Curie Ct.	SF	Y	N	N	Debris on top of SF along Road (Repair SF/remove debris)
Perimeter SSF behind new homes on Davinci of Right of outflow	SSF	Y	N	Y	Stone/sediment pushed over SSF Remove sediment to 1/2 height
Perimeter SSF left of outflow on Davinci	SSF	Y	N	N	remove sediment to 1/2 height

Name: Chris Ruck

Signature: Chris Ruck

Title: Natural Resource Specialist

Rain Event: ☒ Y ☐ N Date: 5/20-1/05

Date: 5/23/05

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit.

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Type	Control Measure		Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
		Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
All SF along perimeter of lots facing River Birch	SF	Y	Y	Y	Install Silt Fence along road facing River Birch Dr. - sediment can leave area
Perimeter adjacent wetland behind Production site	SSF	Y	N	N	Remove Silt from SSF + Repair Broken/Fallen SSF.
Back Perimeter (East) near power lines @ end of SSF	SF	Y	Y	Y	Install a run of SF from SSF perimeter to SF @ Chain link (Tall) fence - sediment can leave
Back Perimeter North side	SSF	Y	N	Y	Repair + clean all SSF that is Broken or covered with sediment
North Sanitary Sewer access	SF	Y	N	N	Repair fallen Silt fence (Perimeter) near wetland
South Side Across River Birch - Tree Saw area cedars	SF or TS	Y	Y	N	Install SF or Stabilize Bern around Tree saw area near <del>electr</del> electr station
South Side near Power station	SF	Y	Y	N	Install SF + connect to preexisting fence -
South side perimeter along Coppermine Rd.	SF	Y	N	N	Repair fallen SF along road - (close)
South side Stockpiles	TS	Y	Y	N	Temp. stabilize stockpiles if dormant for 30 days

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 5/16/05

Signature: [Signature]

Rain Event ☒ Y ☐ N Date: 5/14

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*Production*

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
SE corner of Lot 1111	SF	Y	N	N	Repair Broken Silt Fence
At corner of Davinci Lane Curie Court	SF	Y	N	N	Repair all Fallen/Broken Silt Fence along road
Roads Davinci Lane	Mud on Road	Y	N	Y	Clean Street - Forklift tracking sediment on road -
Behind turnholes on Curie Court	SF	Y	N	<del>N</del> Y	Clean sediment off of Fence over 1/2 covered - sediment leaving site

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 5/16/05

Signature: [Signature]

Rain Event Y/N Date: 5/14

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure		Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)		
New Cons. Entrance on River Birch	CE	Y	N	Y
South of New Entrance	CIP	Y	N	N

Name: Eriz Forhes Title: Aquatic Ecologist Date: 5/16/05  
 Signature: [Signature] Rain Event ☒ Y ☐ N Date: 5/14 Project: Coppermine

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location:	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Corner Lot 11/2 Curie Ct.	SF	Y	N	N	Repair SF
Rear Perimeter Curie SF Ct.	SF	Y	N	N	Remove sediment under 1/2 height
Da Vinci Ln	CE	Y	N	N	Add stone to CE near River Birch
River Birch at end	SF	Y	N	N	Remove sediment to less than 1/2 SF height
Coppermine Corner by Cemetery	SF	Y	N	N	tie in corner SF
Manhole on River Birch near Don's Tenn	SF	N	Y	N	Put SF around manhole

Name: Christopher Ruck

Title: Natural Resource Specialist

Date: 5/2/05

Signature: Chris Ruck

Rain Event ☒ Y / ☐ N Date: 5/30/05

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
End of property by stone	SSF	Y	N	N	needs cleaning
Lower half of property	SSF	Y	N	N	needs cleaning in areas
" @ outflow	SF	Y	N	N	needs cleaning
outflow	OP	Y	N	N	rip-rap needs clean out
Below Metal Fence	SSF	Y	N	N	needs cleaning
" @ outflow	SSL	Y	N	N	h
Inside Metal Fence	SF	Y	N	N	Fence Buried
outflow by Cent. Road	OP	Y	N	N	rip-rap-needs cleaning
upper portion by Road	SSF	Y	N	N	Clean out in areas

Name: Jack D.

Title: Biologist

Date: 4/22

Signature: [Signature]

Rain Event ☒ Y ☐ N Date: 4/22

Project: Coppermine X-100

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit



**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Upper portion	Const. Entrance	Y	N	N	Stabilize const. entrance. Mud on road
upper portion by cemetery	SF	Y	N	N	needs repair
Entire site					stabilize inactive areas

Name: Zack D.

Title: Biologist

Date: 4/22

Signature: Zack D. [Signature]

Rain Event ☒ Y ☐ N Date: 4/22

Project: Coppermine X-ing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
East Side under Power Lines in Hard Hat Area	TS	Y	N	N	Stabilize denuded areas w/out SF protection
Sanitary Sewer near Culvert @ Wetland Boundary - North side	SF	Y	N	N	Repair fallen SF
NE Perimeter near Hard Hat area	SSF	Y	N	N	Clean Sediment from SSF that has reached 1/2 capacity-
" " "	TS	Y	N	N	Stabilize denuded slopes adjacent to SSF behind Chain Link Barbed wire fence
South Side CE	CE	Y	N	N	"Beet Up" Cons. Entrance access to South Side
South Side CE gutters	CIP	Y	N	N	Repair SF curb Inlet Protection - sediment has knocked over - it can enter storm sewer.
South Side Perimeter Corner near graveyard	SF	Y	N	N	Reconnect SF that has been taken down along Coppermine Dr.
West perimeter near end Groveland (Access Road)	SF	Y	N	N	Replace removed/cut SF + connect to SSF Near Electric Building

Name: Enzo Forbes

Title: Aquatic Ecologist

Date: 4/8/05

Signature: Enzo Forbes

Rain Event: (Y) N Date: 4/7/05

Project: Coppermine Crossings

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

SWPPP Record of Site Inspection  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Right of Riverbirch SSF by cutfall and stock pile - the new SSF	SSF	Y	N	Y	SSF needs to be dug in and fenced - sediment can go under
Right of Riverbirch along wetland by Diviner	SSF	Y	N	N	SSF has been torn - reconnect this section
Inlet in the middle of curie ct	SF	Y	N	N	Re-set posts
Corner of Riverbirch and coppermine by sales ct	TS	Y	N	N	Stabilize denuded soil
Left of Riverbirch 3 or 4 inlets in section	SF or IP	Y	N	Y	Place sit fence inlet protection around exposed inlets - sediment is leaving into swim line

Name: Dan Blackford

Title: Biologist

Date: 4/4/05

Signature: Daniel Blackford

Rain Event: (X) / N Date: 4/2

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
River Birch at end behind stockpile (perimeter)	SSF	Y	N	Y	SSF down sediment leaving site
Perimeter of woodline on River Birch up to culvert	SSF	Y	N	N	Remove sediment below 1/2 ht. of SSF
Silt trap in Wetland	SF	Y	N	N	re-staple adjacent to lower cut flow re-stake as needed
Da Vinci	CI	Y	N	N	remove sediment/debris from CI
Da Vinci behind #1133	SF	Y	N	N	Repair ~ add SF behind small stockpile
Curie Ct. at end	TS	N	Y	N	stabilize stockpile at end
Curie Ct. in front of #1111-1134	CE	Y	N	Y	create CEs (add stone) sediment on roadway
Curie Ct. front 1124-1134	SF	N	Y	N	add SF around 1124-1134
Curie Ct. #1111	SF	Y	N	N	repair/restaple SF

Name: Chris Ruck

Title: Natural Resource Specialist Date: 3/29/05

Signature: Chris Ruck

Rain Event: ☒ N Date: 3/29/05 Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
3 out of 4 manholes along Coppermine Rd. near large stockpile	SF	Y	N	N	Sediment about to overtop SF clear below 1/2 ht.
Corner of Coppermine by Cemetery	SF	N	Y	N	tie in SF at property edge
SF along Cemetery	SF	Y	N	N	clear electrical debris & sediment to 1/2 ht SF
CEs at far end of River Birch (both)	CE	Y	N	N/Y	Repair CEs - gravel in roadway more stone
Storm drain behind sales center along River Birch	SF	Y	N	Y	Surround drain (low spot) w/ SF - sediment leaving site

Name: Chris Ruck Title: Natural Resource Specialist Date: 3/29/05

Signature: Chris Ruck Rain Event: (Y) N Date: 3/28/05 Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

SWPPP Record of Site Inspection  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Right side of River birch site Outfall-perimeter	SSF	Y	N	Y	Remove sediment on Silt Fence; Sediment overtopped SF towards wetland
Rt. of Riverbirch next to stock pile	SSF	Y	N	Y	SSF has been knocked over Fix SSF
Rt. of Riverbirch past Divinci <del>ground</del> inlet	SF	N	Y	N	Place SF all the way around the inlet for now.
Rt. of Riverbirch past Divinci-perimeter	SSF	Y	N	Y	SSF is down in many places - fix
End of Divinci by power line + curb inlet	SF	N	Y	N	Place SF around back of curb inlet next to stock pile
Divinci 1124-1111	SF	Y	N	Y	Replace SF when utilities are finished soil is all over road
left of River birch Curb inlet by sales center	SF	N	Y	Y	Place SF around curb inlet
Along Coppermine by stock pile - inlets	SF	Y	N	Y	Remove soil on the SF around the inlets - it is to the top of the SF in places and into inlets
Corner by graveyard & coppermine	SF	Y	N	N	Connect SF in corner

Name: Dan Blackford

Title: Biologist

Date: 3/25/05

Signature: Daniel Blackford

Rain Event ☒ Y ☐ N Date: 3/23

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
left of Riverbirch middle of section - curb inlet	SF	Y	N	N	Fix SF in front of inlet - Restaple
left of Riverbirch	CE	Y	N	N	Replace stone in CE a little mud is going into road

Name: Dan Blackford

Title: Biologist

Date: 3/25/05

Signature: Daniel Blackford

Rain Event ☒ N Date: 3/23

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

2CC114

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
North West Perimeter SSF	SSF	Y	N	N	SF has Fallen from Chain Link; lift + re-tie
NW Corner Back Stockpile	TS	Y	N	N	Temp Stabilize stockpile if dormant for 30 days.
SW Portion Inlets	IP	Y	N	N	Fix Fallen SF-(IP)
CIP on River Birch Drive	CIP	Y	N	N	Fix Broken CIP; Install Correctly
CE SW Portion	CE	Y	N	Y	Reef Up Entrance + clean street; Sediment on River Birch
Coppermine Dr. Perimeter SF	SF	Y	N	N	Fix Fallen SF along perimeter.

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 3/8/05

Signature: [Signature]

Rain Event ☒ Y ☐ N Date: 3/8

Project: Coppermine Crossings

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit



**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
left of Riverbirch construction entrance curb inlet	SF	Y	N	N	Reset SF in front of curb inlet
60' left of CE on left side of Riverbirch	SF	N	Y	N	Place SF around inlet
All inlets on left side of Riverbirch	SF	Y	Y	N	Place or Fix SF around all inlets
Along Riverbirch just past trailers	SSF	Y	N	N	Remove sediment from SSF it is over 1/2 height - it needs to be removed
Corner of Riverbirch + Coppermine rd	TS + SF	Y	N	N	Re-staple SF + stabilize when done with construction in that area
Along property line by Cemetery	SF	Y	N	N	remove debris (trash) and sediment [over 1/2 height of SF]
SSF along wetland on right side of River Birch	SSF	Y	N	Y	Sediment, debris, trash overtopping SSF to left of wetland outflow - SSF down in areas / Sediment offsite
Davinci outflow into wetland (middle outflow)	SSF	Y	N	N	(SSF) silt fence down ~6-10' of repair needed

Name: Christopher Ruck

Title: Natural Resource Specialist

Date: 2/22/05

Signature: Christoph Ruck

Rain Event ☒ Y ☐ N Date: 2/21/05

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Back Corner of Fenced Area / near outfall	SSF	Y	N	N	Fix Broken down SSF - Remove Sediment
→ Outfall Protection	SSF	Y	N	N	Reconnect SSF @ Rip Rap
2nd outfall	TS	Y	N	Y	shake mulch - Temporary Stabilize Behind SF
NW SSF Perimeter	SSF	Y	N	N	Fix SF along SSF Perimeter
All Graded Finished Areas	TS	Y	Y	N	Temp. Stabilize all Finish Grade areas ie: Median slope
Stockpiles Southside	TS	Y	Y	N	Temp. Stabilize all stockpiles unworked for 30 days
S side of Riverbend Dr.	SF	Y	Y	N	Connect SF to SSF around Cedar trees
N side of Coppermine Rd. <sup>Perimeter SF</sup>	SF	Y	N	N	Connect SF to enclose site near graveyard
Open Storm sewer SF	SF	Y	Y	Y	Install silt fence around open storm sewer

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 2/14/05

Signature: [Signature]

Rain Event ☒ Y ☐ N Date: 2/14/05

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

200117

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
S side of Riverbend Dr. N of Coppermine Rd.	CI	Y	Y	N	install SSF to replace SF on Curb Inlets that are in place

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 2/17/05

Signature: [Signature]

Rain Event Y/N Date: 2/17/05

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

200118

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
West side of road by cemetery	SF	Y	N	N	Clear debris from fence
West side of road (Riverbend)	SF	Y	N	N	Fence down in corner. Re-connect
By trailer	SF	Y	N	N	Fence covered almost to top - remove sediment/soil
East Side of Perimeter	SSF	Y	N	N	Fix fallen SF on SSF
East outfall-culvert	SSF	Y	N	N	Wrap SSF up and around culvert pipe to stop sediment from leaving - Place mulch or hay on backside of fence

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 2/11/05

Signature: [Signature]

Rain Event ☒ Y / ☐ N Date: 2/9/05

Project: Coppermine X-mg

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
West side of road by cemetery	SF	Y	N	N	Clear debris from fence
West side of road (Riverbend)	SF	Y	N	N	Fence down in corner. Re-connect
By trailer	SF	Y	N	N	Fence covered almost to top - remove sediment/soil
East Side of Perimeter	SSF	Y	N	N	Fix fallen SF on SSF
East outfall-culvert	SSF	Y	N	N	Wrap SSF up and around culvert pipe to stop sediment from leaving -Place mulch or Hay on backside of fence

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 2/11/05

Signature: [Signature]

Rain Event ☒ Y / ☐ N Date: 2/9/05

Project: Coppermine X-mg

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

Coppermine Crossing  
Rt. of River Birch Rd.

SWPPP Record of Site Inspection  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Sediment pond in Wetland	SSF	Y	N	N	tie-in SSF around sediment bay
Da Vinci Ln (to Rt.)	SF	<del>Y</del> N	Y	N	surround inlets w/ SF ( <del>sf</del> ) inlets
Da Vinci Ln (Left side)	CI (3)	Y	N	N	Remove debris from CI / replace w/ new <sup>stone</sup>
Da Vinci Ln (Left)	SF	N	Y	Y	Enclose site w/ SF ~ 100 yds <sup>+ to SF</sup>
Outflow near elec. tower <sup>behind temp. fence</sup>	SSF	N	Y	Y	Place SSF both sides surrounding outfall <sup>near electrical tower</sup>
Curie Ct. at end	CI	Y	N	N	Clear debris from CI <sup>to wetland</sup>

Inspector: Dan Blackford

Title: Wildlife Biologist

Date: 2/1/09

Inspector: Daniel Blackford

Rain Event: Y / ☒ N

Date: \_\_\_\_\_

Project: Coppermine Crossing

No incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

200C121

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*Coppermine Crossing*

Location	Control Measure			Incident of Non-Compliance (Y/N)	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Left of River Birch entrance	SSF	Y	N	N	extend SSF around front of site
Along Coppermine rd	SF	Y	N	N	re-style SF
Along Coppermine All open inlets	SF	N	Y	N	Place SF around SWM inlet - manhole exposed
Along Coppermine stockpile	temp. stabilization	Y	N	N	stabilize stockpile if inactive
Left of River Birch All inlets	SF	N	Y	Y	Place SF around all inlets - sediment leaving site through drain need protection
Along River Birch left side	SF	Y	N	N	Re-style SF
Left side of River Birch Construction entrance	CE wash rack	Y	N	Y	CE inadequate - replace stone. Soils are leaving the site
"	Sediment trap	N	Y	Y	CE may need a sediment trap to drain into - currently draining into road
Along Coppermine next to school	SF	Y	N	N	SF needs to be replaced - Posts fell down w/ SF

Name: Jan Blackford

Title: Wildlife Biologist

Date: 2/1/05

Signature: Jan Blackford

Rain Event Y/N Date: \_\_\_\_\_

Project: Coppermine Crossing

no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

2CC122

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

*Coppermine Crossing*

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
River Birch rd Curve Lt	SF	N	Y	N	Extend SF along River Birch rd
Curve Rt 50 ft from River Birch	SF	Y	N	N	SF knocked down - replace of add construction entrance
Curve Rt 150 ft from River Birch Curb Inlet		Y	N	N	Move stone in front of curb inlet and remove sediment

Name: Dan Blackford

Title: Wildlife Biologist

Date: 2/1/05

Signature: Daniel Blackford

Rain Event Y/☒N Date: \_\_\_\_\_

Project: Coppermine Crossing

If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

200123



Coppermine Crossing  
Rt. of River Birch Rd toward end

SWPPP Record of Site Inspection  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N)	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
End of site near wetland	SSF	Y	N	N	remove sediment/stone below 1/2 SSF height ~ 20 yds <sup>some overtopping</sup>
Along interior development	red CI	N	Y	Y	Create CIs - for all <sup>3/4 gravel in storm drain</sup> storm drains <sup>drain/CI</sup>
Stock pile (lower Rd.)	stabilize	<del>N</del> Y	Y	N	stabilize stock pile if not used 30 days
SSF behind Stock pile	SSF	Y	N	N	Remove sediment from SSF (overtopping)
SSF towards Coppermine	SSF	Y	N	N	Fix SSF (fallen down)
" near stockpile	SSF	Y	N	N	Over-topping in many locations
Central site outfall into wetland	SSF	N	Y	N	Add SSF (tie-in) <sup>to top of</sup> <del>the</del> pipe
SF near sewer in weeds	SF	Y	N	N	Re-staple
SSF Along wetland behind fence	SSF	Y	N	N	Remove sediment/overtopping in areas

ne: Dan Blackford

Title: Wildlife Biologist

Date: 2/1/05

Signature: Daniel Blackford

Rain Event: Y/N Date: \_\_\_\_\_

Project: Coppermine Crossing

no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Rightside loop off River birch - by sediment bag	Super Silt Fence	Y	Y	N	Sediment & soil knocked over SF - remove sediment & replace w/ SSF
Sediment trap off right side loop	SSF	N	Y	N	SSF needs to be extended all the way around the sediment trap pipe
Right side loop towards Centerville road	SSF	N	Y	N	SSF needs to be extended around entire back perimeter
Corner of River birch & Coppermine	SF	Y	N	N	SF needs to be restapled
Next to coppermine rd, manholes	SF	N	Y	N	Silt fence needs to be placed around manholes
Along river birch by construction entrance	SF	Y	N	N	SF needs to be replaced, restaked, and restapled
Along river birch 2nd construction entrance	Construction entrance	Y	N	N	Construction entrance wash rack needs to be replaced & active
2nd construction entrance	SSF	N	Y	N	Extend SSF to construction entrance - extend another 20 Ft
Right side of River birch towards outfall in back	SSF	Y	N	N	Sediment is over 1/2 height of SSF - remove sediment

Name: Daniel Blackford

Title: Wildlife Biologist

Date: 1/12/08

Signature: Daniel Blackford

County Plan No. \_\_\_\_\_

Project: Coppermine crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Right side of Riverbros post diviner	curb inlets	N	Y	N	curb inlets just installed and need rock protection
Right side of Riverbros post diviner	SF	N	Y	N	exposed manholes need SF protection

Name: Daniel Blackford

Title: Wildlife Biologist

Date: 1/12/05

Signature: Daniel Blackford

County Plan No. \_\_\_\_\_

Project: Coppermine

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Left Side Riverbank Near Stockpile	SF	Y	N	N	Repair fallen silt fence
Rt Side Riverbank Entrance to Job	CE <sup>construction entrance</sup>	Y	N	N	"Beef" up Construction Entrance - Dirt touching on Centerville Rd.
Right Side Riverbank entrance	Curb/Inlet	Y	N	Y	Protect w/rock gabion/blocks All exposed inlets w/sealment flow & catch
Left side Riverbank near Stockpile	CE	Y	N	Y	Install construction Entrance to get access to Stockpile -
Diversion Dikes	stabilization	Y	N	N	Stabilize all Diversion Dikes
Left side Riverbank	SSF	Y	N	N	Repair all fallen silt fence -
Inlet Protect Rt Side	SF	Y	N	Y	Install curb/silt fence protection
SF Along Cemetery	SF	Y	N	N	Repair fallen silt fence -
SF across from Church 13615	SF	Y	N	N	Repair fallen silt fence

Name: Eric Forhes

Title: Aquatic Ecologist

Date: 1/7/05

Signature: [Signature]

County Plan No. \_\_\_\_\_

Project: Coppermine Crossing

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit

**SWPPP Record of Site Inspection**  
(Attach as many sheets as necessary, including maps)

Location	Control Measure			Incident of Non-Compliance (Y/N) <sup>1</sup>	Comments
	Type	Maintenance Required (Y/N)	Additional BMP Req'd (Y/N)		
Stockpiles	Stabilize	Y	N	N	Stabilize all stockpiles inactive for 30 days
Coppermine Rd	SF	Y	N	N	Install/Repair all SF

Name: Eric Forbes

Title: Aquatic Ecologist

Date: 1/7/05

Signature: [Signature]

County Plan No. \_\_\_\_\_

Project: Coppermine Group

<sup>1</sup> If no incidents of Non-Compliance have been noted above, I certify that the site is in compliance with the provisions of the SWPPP and Permit



Exhibit E

Record of Contractor Certification

Jan 17 2005 10:13AM JD Roy Excavating, Inc

No. 6227 P. 16

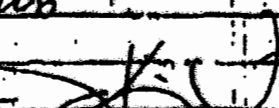
### Contractor Certification

"I certify under penalty of law that I understand the terms and conditions of this Virginia Pollutant Discharge Elimination System (VPDES) general permit that authorizes the storm water discharges from the construction activity identified as part of this certification."

Site:

Choppermine Crossing

Project:

Contractor #	2701 037404A
Name:	TOM KNIGHT
Title:	VICE PRESIDENT
Firm:	SUMMIT USA LAND DEVELOPMENT
Address:	8303 QUEENY ROAD MANASSAS, VA 20110
Telephone #	703-551-2006
Date:	1-20-05
Signature:	

Contractor #	
Name:	
Title:	
Firm:	
Address:	
Telephone #	
Date:	
Signature:	







Exhibit F

Authorized Representative Letter to DCR



**MEMORANDUM**

**DATE:** November 29, 2005

**TO:** K. Hovnanian Homes of VA, Inc.  
4090-A Lafayette Center Drive  
Chantilly, VA 20151

**FROM:** Virginia Waters & Wetlands, Inc.  
P.O. Box 819  
Nokesville, VA 20182

**RE:** Coppermine Crossing SWPPP Exhibit F (Authorization Letter to DCR)

Exhibit F of the Stormwater Pollution Prevention Plan requires the permittee to insert a copy of the Authorization letter to DCR where K. Hovnanian Homes of Virginia, Inc. transferred responsibility of stormwater compliance to a third party. K. Hovnanian Homes of Virginia, Inc. did not transfer responsibility for the compliance of Coppermine Crossing. Therefore, this memorandum serves as notification that Exhibit F is not applicable to the project.

2CC134



Exhibit G

Wetland Permit Information

SWPPP- Coppermine Crossing

No Wetland or Stream impacts for this site.

Exhibit H

Miscellaneous

(ie: County Inspection Reports etc.)





**MEMORANDUM**

**DATE:** November 29, 2005

**TO:** K. Hovnanian Homes of VA, Inc.  
4090-A Lafayette Center Drive  
Chantilly, VA 20151

**FROM:** Virginia Waters & Wetlands, Inc.  
P.O. Box 819  
Nokesville, VA 20182

**RE:** Coppermine Crossing SWPPP Exhibit H (County Inspection Reports)

Exhibit H of the Stormwater Pollution Prevention Plan requires the permittee to insert county/town inspection reports as part of the plan. K. Hovnanian Homes of Virginia, Inc. has not received any such inspection reports. Therefore, this memorandum serves as notification that the required Exhibit H is not applicable to the project currently. The County of Fairfax Public Works Inspector, Bill Beans (phone: 703.303.3073) can be reached for any information regarding county inspection reports for the Coppermine Crossing project.

**2CC140**



Commonwealth of Virginia  
**Department of Transportation**  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

**LOG SHEET**

<b>Permittee:</b> Washington Homes Inc.		<b>Date:</b> 12-01-05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 10:12
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 10:20
<b>Inspector:</b> Cindy Sargent	<b>AR#:</b> 00071349	<b>Departure Time:</b> 10:35
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
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<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

2CC141

	No work in the VDOT right-of-way
	On site work consist of (See additional comments)
X	No safety violations observed
	On site for meeting (See additional comments)
X	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
X	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

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Commonwealth of Virginia  
**Department of Transportation**  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

**LOG SHEET**

<b>Permittee:</b> Washington Homes Inc. of Virginia		<b>Date:</b> 10-17-05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 10:00
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 10:15
<b>Inspector:</b> Cind Sargent	<b>AR#:</b> 71349	<b>Departure Time:</b> 10:30
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

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X	No work in the VDOT right-of-way
	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

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Moiz Doriwala  
[moiz@developland.net] Commonwealth  
of Virginia  
**Department of Transportation**  
NOVA District

FAIRFAX PERMITS

14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

## LOG SHEET

<b>Permittee:</b> Washington Homes Inc of Virginia		<b>Date:</b> 10-6-08
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 11:30
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 11:45
<b>Inspector:</b> Cindy Sargent	<b>AR#:</b> 00071349	<b>Departure Time:</b> 12:00
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

	<b>Pre-issuance inspection of new permit</b>
	<b>UTILITY WORK</b>
	<b>PRIVATE ENTRANCE</b>
X	<b>SITE PLAN</b>
	<b>OTHER</b>
X	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

2CC145

X	No work in the VDOT right-of-way
	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

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Commonwealth of Virginia  
**Department of Transportation**  
NOVA District

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14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

### LOG SHEET

<b>Permittee:</b> Washington Homes Inc.		<b>Date:</b> 9-28-05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 11:00
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 11:15
<b>Inspector:</b> Cindy Sargent	<b>AR#:</b> 00071349	<b>Departure Time:</b> 11:30
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
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<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

2CC147



X	No work in the VDOT right-of-way
	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

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Commonwealth of Virginia  
Department of Transportation  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

LOG SHEET

Permittee: Washington Homes Inc.		Date: 9-15-05
Permit Number: 947- 79892		Begin Travel Time: 9:30
Tax Map: 15-4	Route Number: 665	Arrival Time: 9:45
Inspector: Cindy Sargent	AR#: 00071349	Departure Time: 10:00
Contact On Site:		
Crew Size:		
Equipment:		
Weather:		Temperature:

<input type="checkbox"/>	Pre-issuance inspection of new permit
--------------------------	---------------------------------------

<input type="checkbox"/>	UTILITY WORK
<input type="checkbox"/>	PRIVATE ENTRANCE
<input checked="" type="checkbox"/>	SITE PLAN
<input type="checkbox"/>	OTHER
<input checked="" type="checkbox"/>	CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION

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	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
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	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

**Crew working on stone pillars in front of the building.**



Commonwealth of Virginia  
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**LOG SHEET**

<b>Permittee:</b> Washington Homes Inc. of Virginia		<b>Date:</b> 8-15-0
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 10:00
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 10:15
<b>Inspector:</b> Cindy Sargent	<b>AR#:</b> 00071349	<b>Departure Time:</b> 10:30
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
--------------------------	--

<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

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	No safety violations observed
	On site for meeting (See additional comments)
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	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

**Crews working outside of building.**



Commonwealth of Virginia  
Department of Transportation  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

LOG SHEET

<b>Permittee:</b> Washington Homes Inc.		<b>Date:</b> 7-25-05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 10:00
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 10:15
<b>Inspector:</b> Cindy Sargenf	<b>AR#:</b> 00071349	<b>Departure Time:</b> 10:30
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	Pre-issuance inspection of new permit
--------------------------	---------------------------------------

<input type="checkbox"/>	UTILITY WORK
<input type="checkbox"/>	PRIVATE ENTRANCE
<input checked="" type="checkbox"/>	SITE PLAN
<input type="checkbox"/>	OTHER
<input checked="" type="checkbox"/>	CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION

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	E & S controls checked and deficiencies found (See additional comments)
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	Proper work zone in place
	Improper work zone in place (See additional comments)
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	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

**Pavement striping completed.**



Commonwealth of Virginia  
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NOVA District

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14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

**LOG SHEET**

<b>Permittee:</b> Washington Homes Inc.		<b>Date:</b> 07/13/05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 2:00
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 2:30
<b>Inspector:</b> Jim Coope	<b>AR#:</b> 00071349	<b>Departure Time:</b> 3:00
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
--------------------------	--

<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

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	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
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	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

on site meeting at owners representative request to discuss road marking plan



Commonwealth of Virginia  
Department of Transportation  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

LOG SHEET

<b>Permittee:</b> Washington Homes		<b>Date:</b> 07-07-05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 9:00
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 9:15
<b>Inspector:</b> Cindy Sargent	<b>AR#:</b> 00071349	<b>Departure Time:</b> 9:30
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
--------------------------	--

<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

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	E & S controls checked and found to be in accordance with specifications
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	Proper work zone in place
	Improper work zone in place (See additional comments)
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	Contractor working on ditch lines
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	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

**Contractor working on the outside of the building**



Commonwealth of Virginia  
Department of Transportation  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

LOG SHEET

<b>Permittee:</b> Washington Homes Inc.		<b>Date:</b> 06/28/05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 1:30
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 1:50
<b>Inspector:</b> Jim Coope	<b>AR#:</b> 00071349	<b>Departure Time:</b> 2:30
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
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<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

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2CC159

	No work in the VDOT right-of-way
	On site work consist of (See additional comments)
	No safety violations observed
X	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

developer rep. requested meeting to discuss bus shelters and traffic marking plan



Commonwealth of Virginia  
**Department of Transportation**  
NOVA District

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14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

**LOG SHEET**

<b>Permittee:</b> Washington Homes Inc.		<b>Date:</b> 06/08/05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 9:00
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 9:10
<b>Inspector:</b> Jim Coope	<b>AR#:</b> 00071349	<b>Departure Time:</b> 9:20
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
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<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

X	No work in the VDOT right-of-way
X	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

**crews continue work on buildings**



Commonwealth of Virginia  
**Department of Transportation**  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

**LOG SHEET**

<b>Permittee:</b> Washington Homes		<b>Date:</b> 04/01/05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 9:50
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 10:00
<b>Inspector:</b> Jim Coope	<b>AR#:</b> 00071349	<b>Departure Time:</b> 10:10
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
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<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

2CC163



X	No work in the VDOT right-of-way
X	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

**cont. work on houses**



Commonwealth of Virginia  
**Department of Transportation**  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

**LOG SHEET**

<b>Permittee:</b> Washington Homes Inc		<b>Date:</b> 03/04/05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 9:00
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 9:10
<b>Inspector:</b> Jim Coope	<b>AR#:</b> 00071349	<b>Departure Time:</b> 9:20
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
--------------------------	--

<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

2CC165

X	No work in the VDOT right-of-way
X	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

**pumping concrete for basement pours**



Commonwealth of Virginia  
**Department of Transportation**  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

**LOG SHEET**

<b>Permittee:</b> Washington Homes Inc		<b>Date:</b> 03/04/05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 9:00
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 9:10
<b>Inspector:</b> Jim Coope	<b>AR#:</b> 00071349	<b>Departure Time:</b> 9:20
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
--------------------------	--

<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

2CC167

X	No work in the VDOT right-of-way
X	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

pumping concrete for basement pours
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Commonwealth of Virginia  
Department of Transportation  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

**LOG SHEET**

<b>Permittee:</b> Washington Homes Inc		<b>Date:</b> 02/21/05
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 9:00
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 9:10
<b>Inspector:</b> Jim Cooper	<b>AR#:</b> 00071349	<b>Departure Time:</b> 9:20
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
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<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

X	No work in the VDOT right-of-way
X	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

**crews working on building**



Commonwealth of Virginia  
**Department of Transportation**  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

**LOG SHEET**

<b>Permittee:</b> Washington Homes Inc		<b>Date:</b> 02/02/05	
<b>Permit Number:</b> 947- 79892		<b>Begin Travel Time:</b> 8:00	
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 8:20	
<b>Inspector:</b> Jim Cooper	<b>AR#:</b> 00071349	<b>Departure Time:</b> 9:00	
<b>Contact On Site:</b>			
<b>Crew Size:</b>			
<b>Equipment:</b>			
<b>Weather:</b>		<b>Temperature:</b>	

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
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<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input type="checkbox"/>	<b>SITE PLAN</b>
<input checked="" type="checkbox"/>	<b>OTHER : process open cut approval</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:



	No work in the VDOT right-of-way
	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

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Commonwealth of Virginia  
Department of Transportation  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

LOG SHEET

<b>Permittee: Washington Homes Inc</b>		<b>Date:</b> 01/18/05
<b>Permit Number: 947-79892</b>		<b>Begin Travel Time:</b> 9:00
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 9:15
<b>Inspector:</b> Jim Cooper	<b>AR#:</b> 00071349	<b>Departure Time:</b> 10:00
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
--------------------------	--

<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input type="checkbox"/>	<b>SITE PLAN</b>
<input checked="" type="checkbox"/>	<b>OTHER : Site Meeting</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

	No work in the VDOT right-of-way
	On site work consist of (See additional comments)
	No safety violations observed
X	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

**site meeting to establish limits of paving / open cut /**



Commonwealth of Virginia  
Department of Transportation  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

LOG SHEET

Permittee: Washington Homes Inc		Date: 01/13/05
Permit Number: 947-79892		Begin Travel Time: 8:30
Tax Map: 15-4	Route Number: 665	Arrival Time: 8:45
Inspector: Jim Cooper	AR#: 00071349	Departure Time: 9:20
Contact On Site:		
Crew Size:		
Equipment:		
Weather:		Temperature:

<input type="checkbox"/>	Pre-issuance inspection of new permit
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<input type="checkbox"/>	UTILITY WORK
<input type="checkbox"/>	PRIVATE ENTRANCE
<input type="checkbox"/>	SITE PLAN
<input checked="" type="checkbox"/>	OTHER ; respond to complaint
<input checked="" type="checkbox"/>	CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

	No work in the VDOT right-of-way
	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
X	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
X	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

<b>no traffic controls in place / inspect for open cut request</b>
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Commonwealth of Virginia  
Department of Transportation  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

LOG SHEET

Permittee: Washington Homes Inc		Date: 01/04/05
Permit Number: 947-79892		Begin Travel Time: 2:00
Tax Map: 15-4	Route Number: 665	Arrival Time: 2:20
Inspector: Jim Cooper	AR#: 00071349	Departure Time: 2:30
Contact On Site:		
Crew Size:		
Equipment:		
Weather:		Temperature:

<input type="checkbox"/>	Pre-issuance inspection of new permit
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<input type="checkbox"/>	UTILITY WORK
<input type="checkbox"/>	PRIVATE ENTRANCE
<input checked="" type="checkbox"/>	SITE PLAN
<input type="checkbox"/>	OTHER
<input checked="" type="checkbox"/>	CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

	No work in the VDOT right-of-way
	On site work consist of (See additional comments)
X	No safety violations observed
	On site for meeting (See additional comments)
X	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
X	Proper work zone in place
	Improper work zone in place (See additional comments)
X	Contractor installing public utility
X	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

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**Lyons, Daniel**

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**From:** Kim Snyder [ksnyder@wetlandstudies.com]  
**Sent:** Tuesday, November 22, 2005 10:29 AM  
**To:** agh@sacklaw.com; Barbara.Magid@alexandriava.gov; Barry Swears; Bob Bosco; bobrauck@gmail.com; Brad Helmandollar; bpcondie@centexhomes.com; cathy.swears@ngc.com; Chris Packard; Craig Van Dussen; Lyons, Daniel; HD7Clark@aol.com; Edna Johnston; Evans, Eileen M.; Sherin, Eileen; Francine.Bromberg@alexandriava.gov; Gary Schafer; Ruff, Greg; Stagg, Inda E.; Jack Perkins; jedelman@centexhomes.com; JGibber@npi.org; Joanna Wilson; jcline@centexhomes.com; KernLConn@aol.com; Cunningham, Kevin (DelDOT); kkelly@esatoday.com; Lou Canonico; MLiberati@bcccon.com; mgarcia@MikeGarcia.com; Michael Collier; Michael Pointer; mgeiger@dreeshomes.com; Paul Jeannin; Todd Heck  
**Cc:** Traci Snyder; tsampson@arl.thelandlawyers.com; trwcci; Tom Farley; Goode, Ann E.; avinsky@centexhomes.com; Adam D Hayes; Adam Peters; Hagelis, Al; Antonio Cutrufello; Abdulali Alshami; Andy Garrich; Anderson, Cynthia; Ariel Lambert; Art Meushaw; Bruni Peters; Brad Kline; Banzhaf, Michael A.; Bridget@lansdownedev.com; Ernstes, Bill; Beth Siegel; May, Bill; Bear Bryant; Banshee Reeks; Barbara.Magid@alexandriava.gov; Hanafin, Brendon C.; Baird Smith; chuck goode; Crowell, Elizabeth A; Candi Carmi; Evelyn Causey; peg@contruccirealty.com; CPackard@Ardent-LLC.com; DOstrand@ryland.com; du Von, Jay; Dale Stanton-Hoyle; Edna Johnston; Ethel Eaton; Evelyn Causey; Fields, Wendy L.; W. T. Fowler; Francine.Bromberg@alexandriava.gov; Flanigan, Susan S.; Guy Paolozzi; guygravett@aol.com; glynn@historymatters.net; Heidi Siebentritt; Heather Wholey; Helen.Ross@VDOT.virginia.gov; hcline@rica.net; Patton, Justin S.; Joanna Wilson; Johnson, Michael F.; JGibber@aol.com; Jackie Morris; Joanna.Evans@dhr.virginia.gov; Joe Blondino; mclem@culturalresources.net; Mark Branca; Mike Owens; nashcl@jmu.edu; pastorcub@aol.com; Pamela.Cressey@alexandriava.gov; pdoak@dhr.va.gov; Quatro Hubbard; Steven.Shephard@alexandriava.gov; Susan Glass; Traci Snyder; Wolford & Chen, PC; wmgjmw@ix.netcom.com; wirth@historymatters.net; Zak Billmeier

**Subject:** Moving!

Wetland Studies and Thunderbird Archeology is relocating to a new facility in Gainesville Virginia. On December 12, 2005, our new contact information will be:

5300 Wellington Branch Drive  
 Suite 100  
 Gainesville, Virginia 20155

Telephone: (703) 679-5600  
 Fax: (703) 679-5601

Kimberly Snyder  
 Thunderbird Archeology  
 a Division of Wetland Studies and Solutions, Inc.  
 14088-H Sullyfield Circle  
 Chantilly, VA 20151  
 (703) 631-0292  
 (703) 631-3230 (fax)

ksnyder@wetlandstudies.com

2CC179

12/2/2005





Commonwealth of Virginia  
Department of Transportation  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

LOG SHEET

Permittee: Washington Homes		Date: 12/17/04
Permit Number: 947-79892		Begin Travel Time: 1:30
Tax Map: 15-4	Route Number: 665	Arrival Time: 1:35
Inspector: Jim Cooper	AR#: 00071349	Departure Time: 1:50
Contact On Site:		
Crew Size:		
Equipment:		
Weather:		Temperature:

<input type="checkbox"/>	Pre-issuance inspection of new permit
--------------------------	---------------------------------------

<input type="checkbox"/>	UTILITY WORK
<input type="checkbox"/>	PRIVATE ENTRANCE
<input checked="" type="checkbox"/>	SITE PLAN
<input type="checkbox"/>	OTHER
<input checked="" type="checkbox"/>	CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION

An inspection of the site was performed this date to check the job for compliance with safety and environmental guidelines, and to insure that the work-taking place at the time of the inspection was in accordance with the Road and Bridge Specifications. This inspection is for work located in the VDOT right-of-way only, and does not include any on site construction unless it directly affects the VDOT right-of-way. Only marked items are applicable for this inspection:

X	No work in the VDOT right-of-way
X	On site work consist of (See additional comments)
	No safety violations observed
	On site for meeting (See additional comments)
	E & S controls checked and found to be in accordance with specifications
	E & S controls checked and deficiencies found (See additional comments)
	Contractor cleaning mud off the right-of-way
	Proper work zone in place
	Improper work zone in place (See additional comments)
	Contractor installing public utility
	Contractor backfilling trench
	Contractor placing asphalt patch
	Contractor working on ditch lines
	Contractor installing culvert pipe
	Contractor working on subgrade
	Contractor working on subbase
	Contractor installing private entrance
	Contractor installing commercial entrance
	Contractor installing street tie-in
	Contractor installing storm sewer and structures
	Contractor installing curb and gutter
	Contractor installing concrete sidewalk
	Contractor installing asphalt trail
	Contractor installing guardrail
	Contractor installing traffic signal
	Contractor seeding and mulching
	Milling and or paving operations underway
	Pavement markings being placed
	Contractor working on punchlist items

**Additional Comments:**

**utility work - stone pillars in front of site**



Commonwealth of Virginia  
**Department of Transportation**  
NOVA District

FAIRFAX PERMITS  
14685 AVION PARKWAY  
CHANTILLY, VIRGINIA 20151  
703-383-2888

**LOG SHEET**

<b>Permittee: Washington Homes Inc</b>		<b>Date:</b> 11/29/04
<b>Permit Number: 947-79892</b>		<b>Begin Travel Time:</b> 1:50
<b>Tax Map:</b> 15-4	<b>Route Number:</b> 665	<b>Arrival Time:</b> 1:55
<b>Inspector: Jim Cooper</b>	<b>AR#:</b> 00071349	<b>Departure Time:</b> 2:15
<b>Contact On Site:</b>		
<b>Crew Size:</b>		
<b>Equipment:</b>		
<b>Weather:</b>		<b>Temperature:</b>

<input type="checkbox"/>	<b>Pre-issuance inspection of new permit</b>
--------------------------	--

<input type="checkbox"/>	<b>UTILITY WORK</b>
<input type="checkbox"/>	<b>PRIVATE ENTRANCE</b>
<input checked="" type="checkbox"/>	<b>SITE PLAN</b>
<input type="checkbox"/>	<b>OTHER</b>
<input checked="" type="checkbox"/>	<b>CHARGE ACCOUNTS RECEIVABLE FOR THIS INSPECTION</b>

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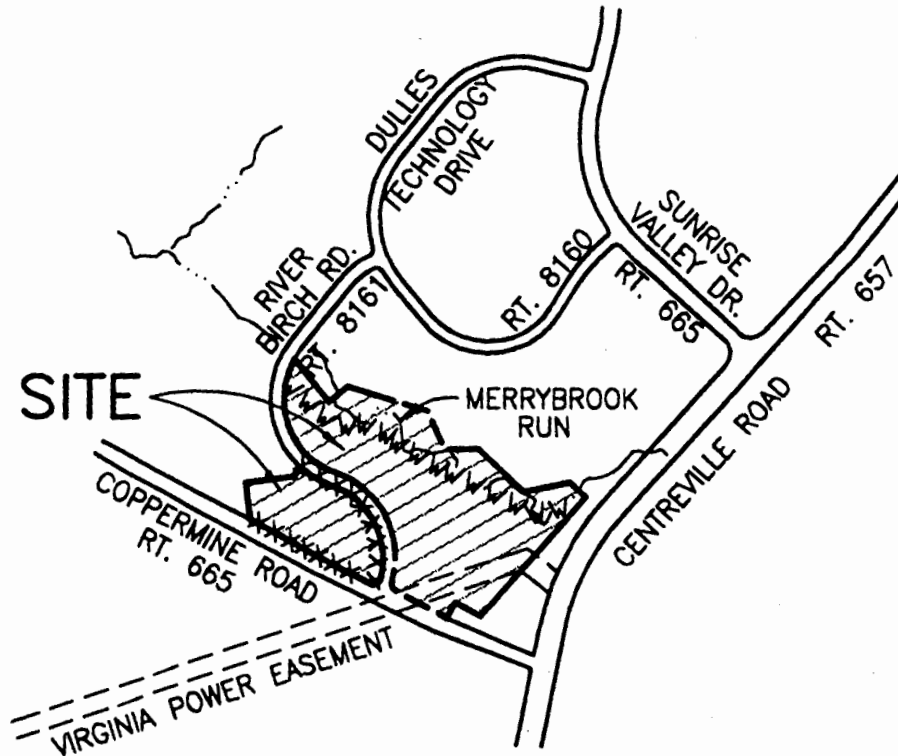
**Additional Comments:**

utility work on site
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Exhibit I  
Vicinity Map

# VICINITY MAP

SCALE 1" = 1000'



SIDEWALK MAINTENANCE: XXXX-VDOT, 0000-FFX CO PARK AUTHORITY  
 TRAIL MAINTENANCE: WWW-FAIRFAX COUNTY PARK AUTHORITY  
 ALL OTHER WALKS/TRAILS TO BE OWNER MAINTAINED

DA

2CC186